

# Index

## • Numerics •

2DLT importing function, 24, 298, 313  
3DLT importing function, 24, 298  
8-bit ink layer, 187

## • A •

Absorption option  
  Line tool, 139  
  Shape tool, 141  
actions, 25  
Actions palette  
  copying action sets, 303  
  creating new action sets, 303  
  default actions, 302  
  deleting action sets, 303  
  mistakes while recording, 304  
  overview, 25  
  Play button, 303  
  Record button, 303  
  renaming action sets, 303  
  user created actions, 303  
Actions palette button (Main toolbar), 17  
Actual Pixels tool (Page toolbar), 18  
Adjust Levels adjustment filter, 310  
adjustment filters, 309–311  
Advanced Settings dialog box, 260  
Advanced View button (Layers Properties palette), 44  
airbrush-based patterns, 201  
Airbrush tool  
  accessing, 199  
  description of, 21  
  dot size adjustment, 200  
  etching, 280  
  Gray Use airbrush, 199  
  opacity settings, 200  
  Small/Medium/Large airbrushes, 199  
  spray size adjustment, 200  
  Tone airbrush, 199

Akamatsu, Ken (*Love Hina*), 37  
*Akira* (Otomo), 331  
Align Sides dialog box, 151–152  
alignment  
  consecutive scanning, 318  
  ruler, 149–153  
  text, 55–56, 234  
allowable error value. Fill tool, 196  
*All-Star Batman and Robin* (Lee), 37–38  
ambient mood, tone patterns as, 205–206  
angle adjustment  
  Computones, 229  
  focus line filters, 286  
  selections, 172, 175, 217  
  speed line filters, 290  
  tones, 215–216  
Angle tool (Page toolbar), 18  
*The Art of Comic-Book Inking*, 2nd Edition (Martin), 327  
artists  
  artists' block, trying something different, 341–342  
  dreams of becoming, 40  
aspect ratio  
  image size adjustment, 84  
  Marquee tool, 159  
author created material, 345  
author information, adding to new story, 74–75  
auto adjusting, image size adjustment, 84–85

## • B •

background drawings  
  resources, 327–328  
  storytelling concept, 36  
Background tone mode, 218–219  
Baig, Edward C. (*Macs For Dummies*), 344  
balloon function, 12

- Bancroft, Tom (*Creating Characters with Personality: For Film, TV, Animation, Video Games, and Graphic Novels*), 326
- Basic Paper template, 69
- basic screentones, 52–53
- Battle Chasers* (Madureira), 38
- Bitmap adjustment filter, 310
- bleed, 30, 67–68
- blue line indication, print guide, 42
- Blur/Blur More effect filter, 312
- blurring effects, 312
- BMP files, exporting as, 259, 263
- bold text, 233
- bonus chapters, 346
- borders, panel layers
  - creating, 49–51
  - size, 114
- bounding type settings, Marquee tool, 158
- breaking the border, 32
- breaks, allowing yourself, 338–339
- Brightness and Contrast adjustment filter, 309
- Browse for Folder dialog box, 57, 225
- Brush Material dialog box, 321
- Brush pen, 190
- Brush Shape Thickness option (Panel Marker tool), 114
- brushes
  - controls, 278–279
  - custom created, 279–280
  - default settings, changing, 275–276
  - orientation options, 279
  - pressure sensitivity settings, 276, 279
  - rotation options, 279
  - size adjustment, 202
  - stroke direction, 279
  - stroke speed, 279
  - thickness, 276
  - tilt options, 279
  - tip size, 276
- buffer area, panel ruler layers, 135
- buffer space, in word balloons, 239
- buttons
  - Main toolbar, 15–17
  - Page toolbar, 17–19
- C •
- caption boxes, 243
- CD components
  - author created material, 345
  - bonus chapters, 346
  - demo versions, 345
  - freeware programs, 344
  - GNU software, 344
  - installing items from, 344
  - shareware programs, 344
  - system requirements, 343–344
- Chambers, Mark L. (*iMacs For Dummies*), 344
- Change Layer Type function, 103
- Change Story Settings dialog box, 75
- character drawing resources, 326–327
- character emotions, tone patterns as, 205–206
- Chelsea, David (*Perspective! For Comic Book Artists: How to Achieve a Professional Look in Your Art*), 327–328
- Clear button (Main toolbar), 16
- Clear Selection command (Selection menu), 166
- Close Path option (Fill tool), 195
- closing position settings, new story
  - creation, 73
- clouds filters, 306
- color
  - color layers, 283–284
  - Computone, 229
  - focus line filters, 286–287
  - intermediate, 82–83
  - joins, 198
  - layer, 100–101
  - Manga limitations, 13
  - settings for exporting, 260
  - speed line filters, 290
  - text, 234
  - tone, 217
- Color Settings dialog box, 101
- Comic Genesis Web site, 333
- Comic Studio program, 10
- computer equipment considerations, self improvement techniques, 336–337

- Computones. *See also* screentones; tones  
 angle adjustment, 229  
 applying, 227–230  
 colors, 229  
 defined, 224  
 discussed, 52  
 installation, 224–225  
 number of lines adjustment, 230  
 resolution, 228  
 scaling, 228–229  
 tones versus, 226
- Computones package (Photoshop program), 12
- consecutive scanning, 318–319
- Contact Us! link, 6
- A Contract with God* (Eisner), 331
- contrast density curve, 309
- controls, brushes, 278–279
- Convert to Curve option (Panel Marker tool), 115
- Copy button (Main toolbar), 16
- copying  
 action sets, 303  
 layers, 104–105
- Create Rulers on Current Layer option  
 Line tool, 139  
 Shape tool, 141
- Creating Characters with Personality: For Film, TV, Animation, Video Games, and Graphic Novels* (Bancroft), 326
- criticism, accepting and learning from, 39
- Crucial Web site, 28
- cursor adjustment, 271
- curve adjustment  
 focus line filters, 286  
 speed line filters, 290
- curves, drawing, 142
- custom page setup  
 frame settings, 67–68  
 overview, 66  
 size considerations, 67
- custom template creation, 70–71
- Custom Tools palette  
 adding commands to, 301  
 adding tools to, 301–302  
 deleting tools from, 302  
 new sets, adding/deleting, 301  
 overview, 25  
 uses for, 300
- Custom Tools palette button (Main toolbar), 17
- Custom Zoom tool (Page toolbar), 18
- Cut button (Main toolbar), 16
- D •
- Debut version  
 capabilities, 13  
 discussed, 1  
 EX version advantages over, 295  
 EX version versus, 13–14  
 Tones palette, 209–211  
 word balloon creation, 240–244
- deleting  
 action sets, 303  
 layers, 105–106  
 materials from Materials palette, 300  
 pages from new story, 74  
 panel layers, 122  
 points from panel ruler layers, 131  
 points from rulers, 149  
 rulers, 145  
 selections, 171–172  
 tones, 219  
 tools from Custom Tools palette, 302  
 vanishing points, 293
- demo version, 14, 345
- Density Graph (Gradation tool), 305
- density values  
 contrast density curve, 309  
 Pattern Brush tool, 202, 277  
 tones, 208, 262
- depth, adding to tones, 219–221, 223–224
- design tones, 211
- Detailed Raster Settings dialog box, 261
- Detailed Tone Settings dialog box, 261–262
- dialog boxes  
 Advanced Settings, 260  
 Align Sides, 151–152  
 Browse for Folder, 57, 225  
 Brush Material, 321  
 Change Story Settings, 75

- dialog boxes (*continued*)
    - Color Settings, 101
    - Detailed Raster Settings, 261
    - Detailed Tone Settings, 261–262
    - Expand Panel Ruler, 129
    - Export Image, 58–59
    - Group Layers, 108
    - Import Images, 79, 84
    - Merge Layers, 109
    - New Layer, 46, 97, 123, 143, 188
    - New Page, 42, 66, 70
    - New Pattern Tone, 282
    - New Story, 73
    - Open File, 58
    - Outline Selection, 170
    - Page Template Settings, 71
    - Panel Ruler Split By Interval, 127
    - Printer Setup, 61–62
    - Rasterize Panel Ruler, 51, 133
    - Save As, 57
    - Save Pattern as Word Balloon, 247
    - Select Source, 78
  - dialogue. *See* text; word balloons
  - diffusion levels, 82–83
  - digital tones, 208
  - Digital Webbing Web site, 334
  - Direction option
    - Panel Marker tool, 114
    - Shape tool, 141
  - direction value, Pattern Brush tool, 277
  - display quality preferences, 270
  - Distort command (Edit menu Move and Transform command), 173
  - dither levels, 82–83
  - Dojinshi Paper template, 69
  - dot size adjustment (Airbrush tool), 200
  - dot tones, 210
  - dpi (dots per inch), 67, 208
  - Draw on Mask option (Panel Marker tool), 116
  - Draw Position Move tool, 287
  - Draw Position tool, 291
  - Draw Position Transform tool, 287
  - drawing
    - along rulers, 153–154
    - curves, 142
    - lines, 142
    - shapes, 142
  - drawing tablets
    - eraser tips, 88
    - need for, 28
    - pen, pressure sensitivity, 28
  - drop-down list, conventions in this book, 3
  - Dust Cleaner tool, 21, 310
- E ●
- editing
    - selections on selection layers, 177
    - text, 235
  - effect filters, 311–312
  - effects
    - blurring, 312
    - clouds filters, 306
    - pixelated, 311
    - ruffling wave, 308–309
    - softened appearance, 312
    - special effect filters, 313
    - spiral, 309
    - watery wave, 308
  - 8-bit ink layer, 187
  - Eisner, Will (*A Contract with God*), 331
  - elliptical rulers, 153
  - elliptical shaped word balloons, 240
  - emphasis tones, 210, 212
  - end points
    - lines, 139
    - speed line filters, 290
  - enlarging ruler size, 147
  - environmental boost, tone patterns as, 205–206
  - episode numbers, adding to new story, 75
  - Eraser tool
    - accessing, 87
    - as common used tool, 86
    - description of, 21
    - eraser sizes and styles, 88–89
    - how to use, 48–49
  - erasing
    - drawing tablet eraser tips, 88
    - how to erase, 48–49
  - establishing shot, 33
  - etching, 280

**EX version**

- Actions palette, 302–304
- adjustment filters, 309–311
- advantages over Debut version, 295
- balloon function, 12
- capabilities, 13–14
- consecutive scanning, 318–319
- Custom Tools palette, 300–302
- Debut version versus, 13–14
- demo, 14
- discussed, 1
- effect filters, 311–312
- focus lines ruler, 315
- Gradation tool, 304–305
- Gray palette, 296–297
- Materials palette, 297–300
- parallel lines ruler, 314–315
- pattern brush material creation, 321–322
- perspective ruler, 316–317
- rendering filters, 306
- selections, filling, 319
- selections, outlining, 320
- Tones palette, 211–212
- transformation filters, 307–309
- word balloon creation, 244–248

Expand Panel Ruler dialog box, 129

expanding panel ruler layers, 129–131

Export Image dialog box, 58–59

exporting

- as BMP file, 259, 263
- color option settings, 260
- to external files, 256–259
- file formats, 259
- image as set on page, 260
- to image files, 58–60
- as JPG file, 258–259, 263
- in monochrome, 263
- page output settings, 258–259
- page size settings, 257
- by pixel size, 263
- as PSD file, 258–259
- resolution settings, 264
- as RGB file, 263
- size of file considerations, 263
- two-page spreads, 257–258

**Expression Mode**

- default layer settings, 274
- Panel Marker tool, 116
- panel ruler layers, 134
- Eyedropper tool, 21

**● F ●**

fading effect, 280

*Fantastic Four* (Kirby), 331

features

- about this book, 2–3
- as most helpful, 10–12

feeling tones, 210, 212

figure tones, 210

files, opening, 58

Fill Inside option

- Panel Marker tool, 116
- Shape tool, 142

Fill tool

- accessing, 195
- allowable error value, 196
- Close Path option, 195
- description of, 21
- filling in screentones, 54
- inking with, 195–196
- multiple inking layers, 196

filling

- selections, 168, 319
- word balloons, 246

filters

- adjustment, 309–311
- clouds, 306
- effect, 311–312
- focus line, 285–287
- overview, 284
- rendering, 306
- special effect, 313
- speed line, 288–291
- transformation, 307–309
- vanishing points, 292–294

finding your style concept, 37–38

Fit to Window tool (Page toolbar), 18

Fixed Direction option (Shape tool), 142

Fixed Page template, 69

Fixed Size template, 69

flatness, line, 140

Flip Horizontally command (Edit menu Move and Transform command), 173–174

Flip Image Horizontally button (Page toolbar), 18

Flip Image Vertically button (Page toolbar), 18

Flip Vertically command (Edit menu Move and Transform command), 173–174

focal point placement

- focus line filters, 287
- rulers, 147

focus line filters, 285–287

focus lines ruler, 315

folders, layer, 96, 106–107

fonts

- discussed, 232
- resources, 236
- size adjustment, 233

frame settings

- custom page setup, 67–68
- custom template creation, 71

Free Transform command (Edit menu Move and Transform command), 172

freeware programs, 344

fun, experiencing while working, 342

## • G •

Gallagher, Fred (*MegaTokyo*), 186

gaps

- between lines, focus line filters, 286
- in word balloons, 243

Gaussian Blur effect filter, 312

GNU software, 344

Gookin, Dan (*PCs For Dummies*), 344

Grab tool, 287, 291

Gradation tone mode, 217

gradation tones, 210–211

Gradation tool

- accessing, 304
- Density Graph, 305
- description of, 21
- gradient type selection, 304–305
- Repeat Type option, 305
- Show Menu button, 305
- uses for, 304

Gray palette

- accessing, 296
- how to use, 296–297
- opacity settings, 297
- overview, 24
- Register Color button, 296
- Temporal Gray Set button, 296

Gray palette button (Main toolbar), 17

gray tones, 210

Gray Use airbrush, 199

Gray Use marker, 192

Gray Use pen, 190

Group Layers dialog box, 108

grouping layers, 107–109

guide layers, 96

gutter, 30, 51

## • H •

halftones, 216

Hand tool

- accessing, 91–92
- description of, 20
- temporary use, 92

help, Contact Us! link, 6

hiding

- layers, 106
- palettes, 22
- ruler layers, 144

highlights, 221, 223–224

high-resolution print needs, 29

histogram levels, 310

History palette, 23–24

History palette button (Main toolbar), 16

horizon location, vanishing points filters, 292

horizontal alignment, rulers, 150–151

horizontal text, 234

Horizontalize function, 150–151

*How to Draw Manga: Computones*, Volumes 1–5 (Senno), 328–329

## • I •

icons, about this book, 5

*iMacs For Dummies* (Chambers), 344

- image files
    - exporting to, 58–60
    - importing, 79
  - image layer settings adjustment
    - intermediate colors, 82–83
    - name, 80
    - resolution, 81
  - image layers, rulers on, 143–144
  - image selections, converting selection layers to, 178–179
  - image size adjustment
    - aspect ratio, 84
    - auto adjusting, 84–85
    - pixel ratio, 85
    - positioning, 84
  - image tones, 212
  - Import Images dialog box, 79, 84
  - importing
    - discussed, 77
    - image appearance problems, 79–83
    - image files, 79
    - 3DLT importing function, 24, 298
    - 2DLT importing function, 24, 298, 313
    - using scanners, 78–79
  - improvement techniques
    - artists' block, trying something different, 341–342
    - breaks, allowing yourself, 338–339
    - computer equipment considerations, 336–337
    - having fun in work, 342
    - perfectionism, avoiding, 340–341
    - repetitive stress injuries, 337–338
    - saving your work, 340
    - through productivity and comfortable surroundings, 335–336
    - time saves, 339–340
  - inking
    - advantages of, 186
    - Airbrush tool, 199–200
    - 8-bit ink layer, 187
    - Fill tool, 195–196
    - ink layer creation, 188
    - with Join Line tool, 197–198
    - line art, scanning in, 186–187
    - Marker tool, 47, 191–192
    - overview, 185
    - Pattern Brush tool, 200–202
    - Pen tool, 47, 189–191
    - resources, 327
  - inkjet printers, 265
  - inspiration, fresh perspectives, 38
  - installation, Computones, 224–225
  - intermediate colors, image layer settings adjustment, 82–83
  - interval values, Pattern Brush tool, 202
  - Invert filter, 312
  - Invert Selection command (Selection menu), 166
- **I** •
- jagged edges, focus line filters, 286–287
  - jagged lines, 163
  - jitter correction, 89
  - Join Line tool
    - accessing, 197
    - color of joins, 198
    - Description of, 21
    - gaps, searching for, 197
    - inking with, 197–198
    - Join Width option, 198
  - JPG file, exporting as, 258–259, 263
- **K** •
- Karu pen, 190
  - Keep Aspect Ratio option
    - Panel Marker tool, 115
    - Shape tool, 142
  - keystroke commands, about this book, 3
  - Kirby, Jack (*Fantastic Four*), 331
- **L** •
- landscape orientation, printing, 253, 255
  - laser printers, 265
  - Lasso tool
    - accessing, 161
    - creating selections using, 160–162
    - overview, 160
    - settings, 161–162
    - uses for, 161
  - Lasso/Polygonal Lasso tool, 20

- Layer folder materials (Materials palette), 298
- Layer Properties palette, 23, 44
- Layer Selection tool, 20
- layers. *See also* panel layers; panel ruler
  - layers; selection layers
  - adding new, 46
  - adding to panel layers, 118
  - advantages of using, 93–94
  - Change Layer Type function, 103
  - colors, 100–101, 283–284
  - copying, 104–105
  - default settings, changing, 273–275
  - deleting, 105–106
  - folders, 96, 106–107
  - grouping, 107–109
  - guide, 96
  - hiding, 106
  - locking/unlocking, 105
  - masking, 96, 118–119
  - merging, 109–110
  - naming, 97
  - new layer creation, 94, 96
  - omitting from printing, 97
  - opacity settings, 100
  - organizing, 106–110
  - output attribute, 102
  - panel ruler, 96
  - properties of, 99–102
  - raster, 95
  - resolution, 97–98, 103
  - reverse, 95
  - roughs, setting up, 43–44
  - ruler, 96, 102
  - ruler settings, 102
  - seeing as multiple sheets of paper, 94–95
  - selecting multiple, 107
  - selection, 96
  - subtractive methods and, 102
  - temporarily removing, 106
  - threshold level adjustment, 97
  - tone, 96
  - tone area color, 102
  - type of, changing, 103
  - vector, 95
- Layers palette
  - New Folder button, 107
  - New Layer button, 96
  - overview, 23
- Layers palette button (Main toolbar), 16
- layout, 31
- Lee, Jim (*All-Star Batman and Robin*), 37–38
- length values
  - focus line filters, 286
  - speed line filters, 290
- line art, scanning in, 186–187
- line breaks
  - in incorrect and awkward place mistake, 238
  - in text, 56, 235
- line color, word balloons, 245
- Line Lever tool, 21
- Line Size option
  - Line tool, 139
  - Panel Marker tool, 114
  - Shape tool, 141
- Line Smoother tool, 21, 310–311
- line tones, 210
- Line tool
  - accessing, 138
  - advanced features, 140
  - features, 139
- Line Width Correction adjustment filter, 310–311
- line width, word balloons, 245
- Line/Curve/Polyline tool, 20
- lines
  - drawing, 142
  - fixed angle, 140
  - focus lines ruler, 315
  - jagged, 163
  - opacity settings, 139
  - parallel lines ruler, 314–315
  - perspective ruler, 316–317
  - roundness/flatness of, 140
  - start point/end point, 139
  - thickness, 139–140, 311
  - tones and, 208
  - transparency, 139
- lines per inch (lpi), 208
- live area. *See* safe area
- Lock at 45 Degree Angle option (Panel Marker tool), 115
- locking layers, 105

- loose pencils, 32  
*Love Hina* (Akamatsu), 37  
lpi (lines per inch), 208
- **M** •
- Macs For Dummies* (Baig), 344  
Madureira (*Battle Chasers*), 38  
Magic Wand tool  
  creating selections using, 162–165  
  settings, 163–165  
  threshold settings, 164  
Main toolbar, button names and  
  descriptions, 15–17  
*Making Comics: Storytelling Secrets of Comics, Manga and Graphic Novels* (McCloud), 36, 329  
*Manga For Dummies* (Okabayashi), 326  
Marker tool  
  accessing, 191  
  description of, 21  
  Gray Use option, 192  
  inking with, 47, 191–192  
  Marker 1/Marker 2 option, 192  
  marker type selection, 47, 192  
  Round Marker option, 192  
markers. *See also* Marker tool  
  opacity settings, 195  
  size adjustment, 194  
  taper lengths, 194–195  
Marquee tool  
  accessing, 156  
  aspect ratio, 159  
  bounding type settings, 158  
  creating selections using, 156–160  
  Marquee Tool Options palette options, 157–158  
  middle and outward selection creation option, 159  
  selection rotation, 159–160  
  Selection Type buttons, 157–158  
  uses for, 156  
Martin, Gary (*The Art of Comic-Book Inking*, 2nd Edition), 327  
Maru pen, 190  
masking layers, 96, 118–119  
Masters, Jason, 34  
Material Catalog references, 282–283  
Materials palette  
  deleting materials from, 300  
  Layer folder materials, 298  
  overview, 24  
  Paste Materials button, 297  
  preset layer sand tools, 297–298  
  Rulers folder, 298  
  3DLT importing function, 298  
  2DLT importing function, 298  
  user created materials, 299–300  
  Ver2 Layer layer types, 298  
  word balloons, 298  
Materials palette button (Main toolbar), 17  
McCloud, Scott  
  *Making Comics: Storytelling Secrets of Comics, Manga and Graphic Novels*, 36, 329  
  *Reinventing Comics: How Imagination and Technology Are Revolutionizing an Art Form*, 329  
  *Understanding Comics: The Invisible Art*, 329  
McFarlane, Todd (*Spawn* creator), 330  
*MegaTokyo* (Gallagher), 186  
memory, 28, 339  
memos, template, 71  
Merge Layers dialog box, 109  
merging  
  layers, 109–110  
  panel ruler layers, 126–127  
*Metropolis* (Tezuka), 329  
mistakes. *See* erasing  
moiré effect, 221–222  
monochrome  
  exporting in, 263  
  printing pages in, 62  
monologue tones, 210, 212  
mood enhancement, tone patterns as, 205–206  
Mosaic effect filter, 311  
motion effect. *See* speed line filters  
Move and Transform commands (Edit menu), 172–173  
Move Layer tool, 20  
Move tool, 287, 291  
moving panel layers, 122

## • N •

name, image layer settings adjustment, 80  
 naming  
   layers, 97  
   panel ruler layers, 134  
   templates, 71  
 nature tones, 210, 212  
 Navigator palette, 23  
 Navigator palette button (Main toolbar), 16  
 New Folder button (Layers palette), 107  
 New Layer button (Layers palette), 96  
 New Layer dialog box, 46, 97, 123, 143, 188  
 New Page button (Main toolbar), 15  
 New Page dialog box, 42, 66, 70  
 New Pattern Tone dialog box, 282  
 New Story button (Main toolbar), 15  
 New Story dialog box, 73  
 Newegg Web site, 28  
 Nightow, Ken (*Trigun*), 37  
 noise tones, 210, 217  
 Normal tone mode, 217  
 Normal View tool (Page toolbar), 18

## • O •

Object Selector tool  
   adjusting panel rulers with, 124–126  
   description of, 20  
   panel rulers, stretching, 49–50  
   ruler adjustments, 146  
 Okabayashi, Kensuke (*Manga For Dummies*), 326  
 on-demand publishing resources, 331–332  
 online forum resources, 333–334  
 Opacity option  
   Line tool, 139  
   Shape tool, 141  
 opacity settings  
   Airbrush tool, 200  
   default layer, 274  
   Gray palette, 297  
   layers, 100  
   lines, 139  
   markers, 195  
   Pattern Brush tool, 202

Pencil tool, 89  
 pens, 195

Open button (Main toolbar), 15  
 Open File dialog box, 58  
 opening  
   files, 58  
   pages, new, 42, 63  
   pages, recently worked on, 58  
   panel layers, 117  
 organization, about this book, 4–5  
 orientation options, brushes, 279  
 Otomo, Katsuhiro (*Akira*), 331  
 Outline Selection dialog box, 170  
 outlining selections, 170–171, 320  
 output attribute, layers, 102  
 output settings  
   default layer, 274  
   printing, 255  
   tones, 262  
 overlapping tones, 220–221

## • P •

page output settings, exporting, 258–259  
 Page Template Settings dialog box, 71  
 Page toolbar  
   button names and description, 17–19  
   Snap button, 153  
   Snap to Rulers button, 153  
 pages  
   adding text to, 54–56, 232–235  
   custom page setup, 66–68  
   dimensions, print guides, 12  
   opening new, 42, 63  
   opening recently worked on, 58  
   roughing out, 43–45  
   saving for first time, 56–57  
   saving frequently, 76  
   template selection, 42  
 pagination settings, 75  
 Painter program  
   curve and line drawing limitations, 11  
   revolutionary idea of art production, 1  
 palettes, hiding, 22  
 panel borders, 49–51

- panel layers
  - adding layers to, 118
  - border size, 114
  - closing, 119
  - converting selections to, 112–114
  - defined, 111
  - deleting, 122
  - main image previewing, setting up
    - appearance of, 114–116
  - mask creation for, 118–119
  - moving, 122
  - opening, 117
  - as page within page concept, 112
- Panel Marker tool, 114–116
  - polygonal, 114
  - scaling, 120–122
  - shapes, 114
- Panel Marker tool
  - description of, 21
  - features of, 114–116
- Panel Name option (Panel Marker tool), 116
- Panel Ruler Cutter tool, 21, 49, 123
- panel ruler layers
  - adding points to, 132
  - adjusting, with Object Selector tool, 124–126
  - buffer area, 135
  - converting, 133–135
  - creation, 122–123
  - deleting points from, 131
  - dividing evenly, 127–129
  - expanding, 129–131
  - Expression Mode, 134
  - merging, 126–127
  - naming, 134
  - Panel Ruler Cutter tool, 123
  - parallel divisions, 127–129
  - rasterizing, 133–135
  - resolution, 134
  - stretching, 49–50
- Panel Ruler Split By Interval dialog box, 127
- panels
  - defined, 30
  - gutters, 51
- paper sizes, template, 68–69
- Parallel by Interval function, 152–153
- parallel divisions, panel ruler layers, 127–129
- parallel lines ruler, 314–315
- Paste button (Main toolbar), 16
- Paste Materials button (Materials palette), 297
- pasting screentones in selections, 169–170
- pattern brush material creation (EX version), 321–322
- Pattern Brush tool
  - accessing, 201
  - advanced options, 277–278
  - airbrush-based patterns, 201
  - brush size adjustment, 202
  - density value, 202, 277
  - description of, 21
  - direction value, 277
  - inking with, 200–202
  - interval values, 202
  - opacity settings, 202
  - pattern selection, 201
  - pen-based patterns, 201
  - spray size adjustment, 202, 277
  - stamp-based patterns, 201
  - thickness value, 277
  - uses for, 200
- pattern tones, 210, 212
- PCs For Dummies* (Gookin), 344
- pen-based patterns, 201
- Pen tool
  - accessing, 189
  - all-purpose pens, 190
  - Brush pen, 190
  - description of, 20
  - etching, 280
  - Gray Use pen, 190
  - inking with, 47, 189–191
  - Kabura pen, 190
  - Maru pen, 190
  - pen strokes, 191
  - pen type selection, 47
  - round pens, 190
  - School pen, 190
  - turnip pen, 190
- Pencil tool
  - accessing, 87
  - as common used tool, 86

- Pencil tool (*continued*)
  - description of, 20
  - etching, 280
  - opacity settings, 89
  - pencil sizes and styles, 88
- Penciljack Web site, 334
- pens. *See also* Pen tool
  - drawing tablet, 28
  - opacity settings, 195
  - size adjustment, 194
  - taper lengths, 194–195
- perfectionism, avoiding, 340–341
- Perspective command (Edit menu Move and Transform command), 173
- Perspective! For Comic Book Artists: How to Achieve a Professional Look in Your Art* (Chelsea), 327–328
- perspective lines, vanishing points filters, 293
- perspective ruler, 316–317
- Photoshop program
  - Computones package, 12
  - curve and line drawing limitations, 11
  - revolutionary idea of art production, 1
- pixel ratio, image size adjustment, 85
- pixel size, exporting by, 263
- pixelated effects, 311
- Play button (Actions palette), 303
- pointillism effect, 280
- points
  - adding to panel ruler layers, 132
  - adding to rulers, 148
  - deleting from panel ruler layers, 131
  - deleting from rulers, 149
- Polar Coordinates transformation filter, 307–308
- polygonal panel layers, 114
- Polyline tool, 161
- popping out of page, 32
- portrait orientation, printing, 255
- position settings
  - selections, 175
  - speed line filters, 291
  - vanishing points filters, 293
- positioning
  - image size adjustment, 84
  - tones, 215
- Posterize effect filter, 312
- practice and repetition, 37
- preferences
  - cursor adjustment, 271
  - discussed, 267
  - display quality, 270
  - layer settings, changing default, 273–275
  - undos, changing number of, 272–273
- pressure sensitivity
  - brush settings, changing, 276, 279
  - discussed, 89
  - drawing tablet pen, 28
- Preview Resolution option (Panel Marker tool), 116
- Print button (Main toolbar), 16
- print guide, 12, 42
- Print Size tool (Page toolbar), 18
- Printer Setup dialog box, 61–62
- printers
  - high-resolution print needs, 29
  - inkjet, 265
  - laser, 265
- printing
  - best quality print considerations, 264–266
  - color depth selection, 254
  - discussed, 251
  - entire page, 254
  - image up to edge of bleed, 254
  - landscape orientation, 253, 255
  - line art and text only, 62
  - main image only, 254
  - in monochrome, 62
  - output settings, 255
  - page print size, 253
  - portrait orientation, 255
  - printer setup, 252–255
  - professional print services, 265–266
  - self, 265
  - single pages, 252–256
  - story files, 253
- productivity and comfortable surrounds, self improvement techniques, 335–336
- programs, differences between, 9
- Properties palette button (Main toolbar), 16
- PSD file, exporting as, 258–259

## • Q •

quality of display preferences, 270  
 quality settings  
   focus line filters, 286  
   speed line filters, 290  
 Quick Mask feature, 180  
 Quick Selection feature, 180–182

## • R •

RAM (random access memory)  
   purchasing additional, 339  
   system requirements, 28  
   where to purchase, 28  
 randomize values, focus line filters, 286  
 raster layers, 95  
 raster settings, 261  
 raster-based word balloons, 246  
 Rasterize Panel Ruler dialog box, 51, 133  
 rasterizing panel ruler layers, 133–135  
 Rathbone, Andy  
   *Windows 2000 Professional For Dummies*,  
   344  
   *Windows Vista For Dummies*, 344  
   *Windows XP For Dummies*, 344  
 reader direction, tone patterns as, 207  
 ReadMe file information, 343  
 Record button (Actions palette), 303  
 Rectangle/Ellipse Marquee tool, 20  
 Rectangle/Ellipse/Polygon tool, 20  
 Redo button (Main toolbar), 16  
 Reduce Selection command (Selection  
   menu), 166  
 reducing and enlarging ruler size, 147  
 reference material, 38  
 Register Color button (Gray palette), 296  
*Reinventing Comics: How Imagination and  
 Technology Are Revolutionizing an Art  
 Form* (McCloud), 329  
 renaming action sets, 303  
 rendering filters, 306  
 Repeat Type option (Gradation tool), 305  
 repetition and practice, 37  
 repetitive stress injuries, self improvement  
   techniques, 337–338  
 resizing selections, 166

resolution  
   Computones, 228  
   custom page setup, 67  
   custom template creation, 71  
   default layer, 274  
   exporting and, 264  
   grouped layers, 108  
   high-resolution print needs, 29  
   image layer settings adjustment, 81  
   layer, 97–98, 103  
   panel ruler layers, 134  
 resources  
   background drawing, 327–328  
   character drawings, 326–327  
   drawing Manga, 326  
   font, 236  
   inking, 327  
   on-demand publishing, 331–332  
   online forums, 333–334  
   tones, 328–329  
 reverse layers, 95  
 reversing selections, 166  
 RGB color, exporting as, 263  
 Romita, John Jr. (*World War Hulk*), 38  
 Rotate after Size is Decided option (Shape  
   tool), 142  
 Rotate command (Edit menu Move and  
   Transform command), 172  
 Rotate tool  
   accessing, 92  
   description of, 18, 20  
 rotation options, brushes, 279  
 roughs  
   defined, 32  
   layers, setting up, 43–44  
   roughing pages out, 43–45  
 Round Marker (Marker tool), 192  
 round pens, 190  
 roundness, line, 140  
 rubbed away effect, 280  
 ruffling wave effects, 308–309  
 ruler layers, 96, 102, 143–144. *See also*  
   panel ruler layers  
 Ruler Layers feature, 11  
 ruler settings, layers, 102

## rulers

- adding points to, 148
  - adjusting, using Object Selector tool, 146
  - alignment, 149–153
  - creating, 144–145
  - deleting, 145
  - deleting points from, 149
  - drawing along, 153–154
  - elliptical, 153
  - focal point placement, 147
  - focus lines, 315
  - on image layers, 143–144
  - overview, 138
  - parallel lines, 314–315
  - perspective, 316–317
  - rotate clockwise/counterclockwise, 147
  - Ruler Manipulator tool, 146–147
  - size, reducing and enlarging, 147
  - spacing between, 153
- Rulers folder (Materials palette), 298

## • S •

## safe area

- custom page setup, 67
- defined, 31

Save All button (Main toolbar), 16

Save As dialog box, 57

Save File button (Main toolbar), 15

Save Pattern as Word Balloon dialog box, 247

## saving

- pages, for first time, 56–57
- pages, frequent saves, 76
- templates, 72

Scale command (Edit menu Move and Transform command), 172

scale settings, selections, 175

## scaling

- Computones, 228–229
- panel layers, 120–122

## scanners

- best-quality scan suggestions, 78
- importing art using, 78–79
- need for, 29

scanning in line art, 186–187

scenery tones, 212

School pen, 190

screentones. *See also* Computones; tones

- adding to pages, 52–53
- basic, 52–53
- defined, 12, 32
- filling in, 54
- pasting in selections, 169–170
- percentage representation, 53
- vector-based, 12

Select All command (Selection menu), 165

Select By Color command (Selection menu), 166

Select Source dialog box, 78

## selection layers

- converting to image selections, 178–179
- creation, 176–177
- description, 96
- editing selections on, 177

## selection tools

- Lasso tool, 160–162
- Magic Wand tool, 162–165
- Marquee tool, 156–160
- overview, 155

## selections

- angle adjustment, 172
- angle settings, 175
- converting to panel layers, 112–114
- deleting, 171–172
- filling, 168, 319
- outlining, 170–171, 320
- pasting screentones in, 169–170
- position settings, 175
- Quick Selection feature, 180–182
- resizing, 166
- reversing, 166
- scale settings, 175
- Selection menu commands, 165–167
- size adjustment, 172
- transforming, 172–176

Senno, Knife (*How to Draw Manga:*

*Computones*, Volumes 1-5), 328–329

shakiness, variable correction, 11

## Shape option

- Line tool, 139
- Panel Marker tool, 114
- Shape tool, 140

- Shape tool
  - accessing, 140
  - advanced features, 141–142
  - basic features, 140–141
- shapes
  - drawing, 142
  - panel layer, 114
- shareware programs, 344
- Sharpen/Sharpen More effect filter, 312
- SHD (Super High Density) filter, 313
- Show Menu button (Gradation tool), 305
- Show/Hide Page Rulers button (Page toolbar), 18
- Show/Hide Ruler Manipulator button (Page toolbar), 18
- Show/Hide Transparent button (Page toolbar), 18
- Sides option (Panel Marker tool), 114
- sites. *See* Web sites
- size adjustment
  - fonts, 233
  - markers, 194
  - pens, 194
  - rulers, 147
  - selections, 172
  - tones, 217
- size considerations, custom page setup, 67
- Size option (Tool Options palette), 89
- Smooth tool, 21
- Snap button (Page toolbar), 153
- Snap Mode On/Off button
  - (Page toolbar), 18
- Snap to Focus Line Rulers option (Page toolbar), 19
- Snap to Grid option (Page toolbar), 19
- Snap to Guides option (Page toolbar), 19
- Snap to Parallel option (Page toolbar), 19
- Snap to Perspective Rulers button (Page toolbar), 18
- Snap to Rulers button (Page toolbar), 18, 153
- softened appearance effects, 312
- spacing
  - between lines of text, 233
  - between rulers, 153
- spattering effect, 280
- Spawn* creator (McFarlane), 330
- special effect filters, 313
- speed line filters
  - angle adjustment, 290
  - color, 290
  - curve adjustment, 290
  - end points, 290
  - length values, 290
  - overview, 288–289
  - position setting, 291
  - quality settings, 290
  - starting points, 290
  - width values, 290
- spiral effects, 309
- Spiral transformation filters, 309
- spray size adjustment
  - Airbrush tool, 230
  - Pattern Brush tool, 202, 277
- spreads, 31
- stamp-based patterns, 201
- Start From Center option
  - Panel Marker tool, 115
  - Shape tool, 142
- start point, lines, 139
- starting page settings, new story
  - creation, 73
- starting points
  - focus line filters, 286
  - speed line filters, 290
- story, creating new
  - additional clerical information, adding later, 74–75
  - additional pages, adding, 74
  - author information, 74–75
  - closing position settings, 73
  - deleting pages, 74
  - episode numbers, 75
  - number of pages, 73
  - overview, 72
  - page settings, 73–74
  - page structure settings, 73
  - pagination settings, 75
  - saved file locations, 74
  - starting page settings, 73
  - subtitles, 75
  - thumbnail views, 74
- story files, printing, 253
- story lines, multiple-page, 12

storytelling  
 backgrounds, 36  
 in as many pages needed, 36  
 as storyboard scene of movie mindset,  
 35–36  
 strikethrough text, 233  
 stroke direction and speed, brushes, 279  
 styles, finding your style concept, 37–38  
 Submission Paper template, 69  
 subtitles, adding to new story, 75  
 subtractive methods  
 layers and, 102  
 raster settings, 261  
 Super High Density (SHD) filter, 313  
 system preferences. *See* preferences  
 system requirements  
 RAM, 28  
 ReadMe file information, 343

## • T •

tail options, word balloon, 245  
 Taper In/Out option (Line tool), 139  
 taper lengths  
 markers, 194–195  
 pens, 194–195  
 telling the story. *See* storytelling  
 templates  
 Basic Paper, 69  
 creating custom, 70–71  
 Dojinshiu Paper, 69  
 Fixed Page, 69  
 Fixed Size, 69  
 how to select, 70  
 memos, 71  
 naming, 71  
 for new pages, selecting, 42  
 paper sizes, 68–69  
 saving, 72  
 Submission Paper, 69  
 word balloon, 246–249  
 Temporal Gray Set button (Gray palette),  
 296  
 Ten Ton Studios Web site, 334  
 text. *See also* word balloons  
 adding to pages, 54–56, 232–235  
 alignment, 55–56, 234

bold, 233  
 color, 234  
 editing, 235  
 fonts, 232–233, 236  
 horizontal, 234  
 line breaks, 56, 235  
 reader comfort concept, 238  
 spacing between lines, 233  
 strikethrough, 233  
 thin/thick outline, 233  
 underlined, 233  
 vertical, 234  
 white outline around, 233  
 Text tool, 21  
 texture tones, 210, 212  
 Tezuka, Osamu (*Metropolis*), 331  
 thickness  
 brush, 276  
 line, 139–140, 311  
 Pattern Brush tool, 277  
 text, 233  
 Thickness option (Shape tool), 141  
 thin line word balloons, 240  
 thin text, 233  
 Thomas, Brandon, 34  
 thought balloons, 243–244  
 3DLT importing function, 24, 298  
 threshold settings  
 layer creation, 97  
 Magic Wand tool, 164  
 raster settings, 261  
 thumbnail views, new story creation, 74  
 tightened pencils, 32  
 tilt options, brushes, 279  
 time saves, self improvement techniques,  
 339–340  
 tip size, brushes, 276  
 Tone airbrush, 199  
 tone area color, layers, 102  
 Tone Curve adjustment filter, 309–310  
 tone layers, 96  
 tones. *See also* Computones; screentones  
 adding depth to, 219–221, 223–224  
 angle adjustment, 215–217  
 area selection, 213–214

- Background mode, 218–219
  - close up example, 204
  - colors, 217
  - Computones versus, 226
  - deleting, 219
  - density values, 208, 262
  - design, 211
  - Detailed Tone Settings dialog box, 261–262
  - digital, 208
  - dot, 210
  - emphasis, 210, 212
  - feeling, 210, 212
  - figure, 210
  - Gradation mode, 217
  - graduation, 210–211
  - gray, 210
  - halftones, 216
  - highlights, 221, 223–224
  - image, 212
  - lines, 208
  - Materials Catalog reference, 282–283
  - moiré effect, 221–222
  - monologue, 210, 212
  - nature, 210, 212
  - New Pattern Tone dialog box, 282
  - noise, 210, 217
  - Normal mode, 217
  - number of lines adjustment, 216, 262
  - output settings, 262
  - overlapping, 220–221
  - overview, 203
  - pattern, 210, 212
  - positioning, 215
  - reasons for using, 205–206
  - resources, 328–329
  - rubbed away effect, 280
  - scenery, 212
  - self created, 282
  - size adjustment, 217
  - texture, 210, 212
  - type adjustment, 217
  - vector-based, 208
  - Tones palette
    - Debut version, 209–211
    - EX version, 211–212
    - features, 23
    - Tones palette button (Main toolbar), 16
    - Tool Options button (Main toolbar), 16
    - Tool Options palette
      - overview, 22
      - Size option, 89
      - Tool Settings menu, 89
    - toolbars
      - Main, 15–17
      - Page, 17–19
    - Tools palette
      - accessing tools on, 20
      - as most popular palette, 22
      - overview, 19
      - tools on, 20–21
    - Tools palette button (Main toolbar), 16
    - trail versions, 345
    - transformation filters, 306
    - transforming selections, 172–176
    - transparency, line, 139
    - Trash Can icon, 71
    - Trigon* (Nightow), 37
    - trim
      - custom page setup, 67
      - defined, 31
    - troubleshooting, 346
    - turnip pen, 190
    - 2DLT importing function, 24, 298, 313
- U •
- underlined text, 233
  - Understanding Comics: The Invisible Art* (McCloud), 329
  - Undo button (Main toolbar), 16
  - undos, changing number of, 272–273
  - unlocking layers, 105
- V •
- vanishing points filters
    - deleting, 293
    - horizon location, 292
    - perspective lines, 293
    - position settings, 293
    - width values, 294
  - variable correction, 11
  - vector-based screentones, 12

vector-based tones, 208  
 vector layers, 95  
 vector-based word balloons, 246  
 Ver2 Layer layer types (Materials palette), 298  
 vertical text, 234  
 Verticalize function, 150  
 virtual rulers, 11

## • W •

Wacom Web site, 336  
 Wand tool, 20  
 watery wave effects, 308  
 Wave transformation filter, 308  
 Waveforms transformation filter, 308–309  
 Web sites  
   Comic Genesis, 333  
   Crucial, 28  
   Digital Webbing, 334  
   Newegg, 28  
   Penciljack, 334  
   Ten Ton Studios, 334  
   Wacom, 336  
 white edge elimination, 67–68  
 white outline around text, 233  
 Width Correction tool, 21  
 width values  
   focus line filters, 286  
   speed line filters, 290  
   vanishing points filters, 294  
 Wiley Product Technical Support, 346  
*Windows 2000 Professional For Dummies* (Rathbone), 344  
*Windows Vista For Dummies* (Rathbone), 344  
*Windows XP For Dummies* (Rathbone), 344  
 wobbly lines, smoothing out, 310  
 word balloons. *See also* text  
   buffer space, 239  
   caption boxes, 243

  creating in Debut version, 240–244  
   creating in EX version, 244–248  
   curved tails, 241  
   discussed, 12, 231  
   elliptical shape, 240  
   erasing extra lines in, 242  
   filling, 246  
   gaps in, 243  
   line color, 245  
   line width, 245  
   overcrowding panels with mistake, 237  
   poorly placed, 237  
   raster-based, 246  
   reader comfort concept, 238  
   Save Pattern as Word Balloon dialog box, 247  
   storage, 298  
   tail options, 245  
   templates, 246–249  
   text size, 245  
   thin line, 240  
   thought balloons, 243–244  
   too much text mistake, 237  
   too small for text mistakes, 237  
   vector-based, 246  
 workspace, creating comfortable environment in, 337–338  
*World War Hulk* (Romita), 38

## • Z •

Zigzag transformation filters, 309  
 zooming  
   shortcut keys, 91  
   Zoom In/Out tool (Page toolbar), 17, 90  
   Zoom sliding bar, 90  
   Zoom tool (Tool palette), 20