Converting Colors

RYB(187, 174, 182)

Have a look what the booklet for RYB(187, 174, 182) contains.

Color

RYB(187, 174, 182)

Conversions

Format	Color
	Conversions Part 1
Hex	BBAEB6
RGB	187, 174, 182
RGB Percent	73%, 68%, 71%
CMY	0.2667, 0.3176, 0.2863
CMYK	0.00, 0.07, 0.03, 0.27
HSL	323°, 9%, 71%
HSV	323°, 7%, 73%
XYZ	44.0731, 44.2143, 50.4673
YIQ	178.7990, 5.1800, 5.2440

Conversions

Conversions Part 2

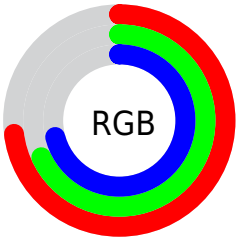
Format	Color
RYB	187, 174, 182
Decimal	12299958
CIELab	72.37, 6.09, -2.41
CIELCh	72, 6.553, 338.377
Yxy	44.2143, 0.3176, 0.3187
Android (android.graphics.Color)	4290490038 (0xFFBBAEB6)
YUV	178.7990, 1.5781, 7.1923
Hunter-Lab	66.4938, 1.9482, 1.5459

Details

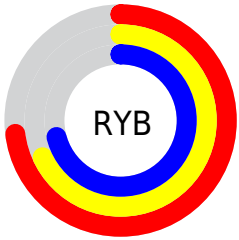
The RYB color 187, 174, 182 is a light color, and the websafe version is hex 999999. A complement of this color would be 174, 183, 187, and the grayscale version is 179, 179, 179.

A 20% lighter version of the original color is 243, 229, 238, and 134, 122, 129 is the 20% darker color. If you saturate the color by 10%, you get 187, 155, 175, and if you desaturate by 10%, it is 187, 192, 193.

Distribution

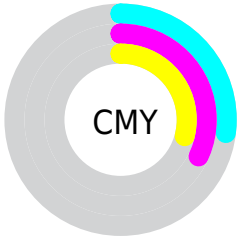


- Red (73%)
- Green (68%)
- Blue (71%)



- Red (73%)
- Yellow (68%)
- Blue (71%)

- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (27%)



- Cyan (27%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 174, 182 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 187, 174, 182 by changing the saturation by 10% instead.

187, 174, 182

255, 255, 255

243, 229, 238

187, 174, 182

160, 147, 155

134, 122, 129

109, 97, 104

84, 73, 80

61, 51, 57

39, 29, 36

19, 4, 14

0, 0, 0

187, 174, 182

187, 174, 182

187, 155, 175	187, 192, 193
187, 137, 168	187, 204, 211
187, 118, 160	187, 218, 230
187, 99, 153	187, 232, 249
187, 81, 146	187, 234, 255
187, 62, 139	187, 231, 255
187, 43, 132	187, 228, 255
187, 24, 124	187, 225, 255
187, 6, 117	187, 223, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

181, 175, 187

187, 174, 182

190, 174, 176

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

187, 174, 182

170, 181, 166

163, 173, 185

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

187, 174, 182

174, 183, 187

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

164, 173, 181

187, 174, 182

168, 179, 173

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

187, 174, 182

187, 183, 167

168, 177, 181

167, 175, 188

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

187, 174, 182

191, 174, 172

168, 177, 181

163, 172, 183

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

187, 174, 182

242, 237, 240

179, 174, 187

122, 120, 121

250, 250, 250

122, 122, 122

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

187, 174, 182

242, 223, 235

187, 174, 176

94, 85, 91

158, 0, 97

31, 0, 19

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

187, 174, 182

242, 223, 235

174, 181, 187

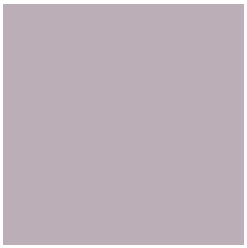
94, 85, 91

158, 0, 97

31, 0, 19

Previews

White Background

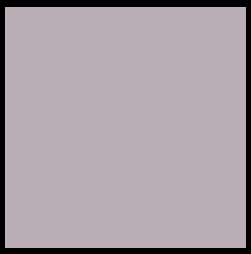


This preview shows how the RYB color 187, 174, 182 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



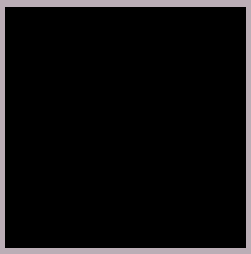
This preview shows how the RYB color 187, 174, 182 looks on a black background.

Color Contrast Check

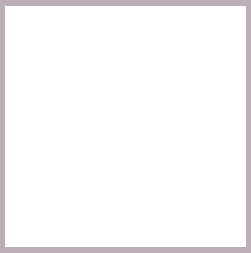
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 187, 174, 182 Background



This preview shows how black text looks on a background with the RYB color 187, 174, 182.

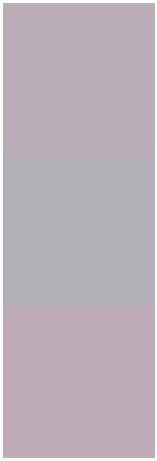


This preview shows how white text looks on a background with the RYB color 187, 174, 182.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy



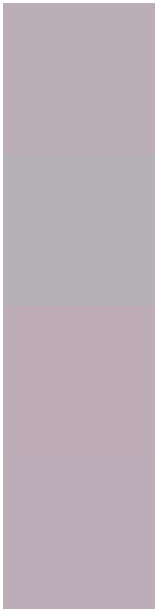
Original Color
187, 174, 182

Protanopia
179, 177, 183

Deuteranopia
192, 172, 182

Tritanopia
188, 173, 187

Trichromacy



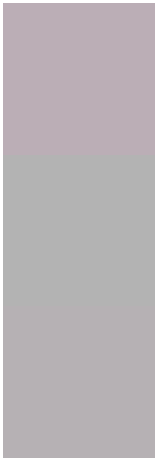
Original Color
187, 174, 182

Protanomaly
182, 176, 183

Deuteranomaly
190, 173, 182

Tritanomaly
188, 173, 185

Monochromacy



Original Color
187, 174, 182

Achromatopsia
179, 179, 179

Achromatomaly
182, 177, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 174, 182 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(187, 174, 182) looks like.

```
.text, #text, p{
    color:rgb(187, 174, 182)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(187, 174, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 174, 182) }
```

Border

The CSS property to change the border of an element to RYB 187, 174, 182 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 174, 182) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(187, 174, 182) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(187, 174, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 174, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 174, 182); box-shadow:4px 4px 4px 4px rgb(187, 174, 182) }
```

Background

The CSS property to change the background color of an element to RYB 187, 174, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(187, 174, 182) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(187,
174, 182) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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