

Converting Colors

`RYB(183, 176, 184)`

Have a look what the booklet for RYB(183, 176, 184) contains.

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Color

R_YB(183, 176, 184)

Conversions

Conversions Part 1

Format	Color
Hex	B7B0B8
RGB	183, 176, 184
RGB Percent	72%, 69%, 72%
CMY	0.2824, 0.3098, 0.2784
CMYK	0.01, 0.04, 0.00, 0.28
HSL	292°, 5%, 71%
HSV	292°, 4%, 72%
XYZ	43.7055, 44.5786, 51.6484
YIQ	179.0050, 1.6040, 3.9720

Conversions

Conversions Part 2

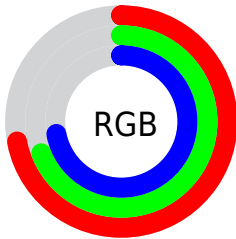
Format	Color
RYB	183, 176, 184
Decimal	12038328
CIELab	72.61, 3.97, -3.20
CIElCh	73, 5.096, 321.166
Yxy	44.5786, 0.3123, 0.3186
Android (android.graphics.Color)	4290228408 (0xFFB7B0B8)
YUV	179.0050, 2.4625, 3.5036
Hunter-Lab	66.7672, 0.0025, 0.8727

Details

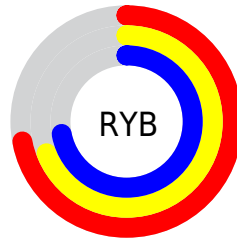
The RYB color **183, 176, 184** is a light color, and the websafe version is hex **999999**. A complement of this color would be **176, 184, 183**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **239, 232, 240**, and **130, 124, 131** is the 20% darker color. If you saturate the color by 10%, you get **181, 158, 184**, and if you desaturate by 10%, it is **184, 194, 193**.

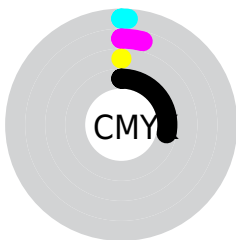
Distribution



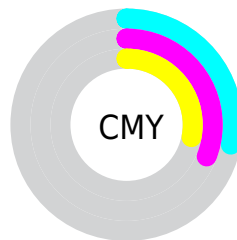
- Red (72%)
- Green (69%)
- Blue (72%)



- Red (72%)
- Yellow (69%)
- Blue (72%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (28%)



- Cyan (28%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 176, 184 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 183, 176, 184 by changing the saturation by 10% instead.


 183, 176, 184

255, 255, 255


 239, 232, 240


 183, 176, 184

 156, 149, 157


 130, 124, 131

 105, 99, 106

 81, 75, 82

 58, 52, 59

 36, 31, 37

 15, 7, 16

 0, 0, 0

 183, 176, 184

 183, 176, 184

181, 158, 184

184, 194, 193

178, 139, 184

184, 213, 209

176, 121, 184

184, 231, 225

174, 102, 184

184, 250, 242

171, 84, 184

184, 255, 244

169, 66, 184

184, 255, 242

167, 47, 184

184, 255, 240

165, 29, 184

184, 255, 238

162, 10, 184

184, 255, 235

Harmonies

Analogous

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



178, 177, 187



183, 176, 184



187, 175, 180

Triad

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



183, 176, 184



182, 184, 169



167, 174, 181

Complementary

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



183, 176, 184



176, 184, 183

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.



169, 176, 181



183, 176, 184



169, 179, 170

Square

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



183, 176, 184



187, 178, 171



172, 180, 179



168, 175, 185

Rectangle

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



183, 176, 184



188, 175, 176



172, 180, 179



167, 174, 181

Sweetspot

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



183, 176, 184



239, 237, 240



176, 177, 184



120, 119, 120



247, 247, 247



120, 120, 120

Same Dimension

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



183, 176, 184



238, 228, 240



184, 176, 181



91, 86, 92



136, 0, 156



25, 0, 28

Inverse Universe

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



184, 176, 177



240, 228, 229



176, 182, 184



92, 86, 87



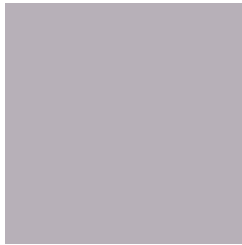
156, 0, 19



28, 0, 4

Previews

White Background



This preview shows how the RYB color 183, 176, 184 looks on a white background.

Color Contrast Check

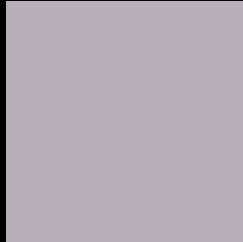
Large Text (above 18pt) WCAG AA × Fail

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 183, 176, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

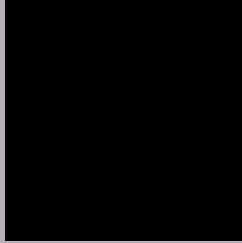
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

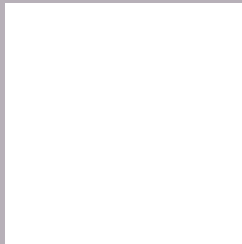
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 183, 176, 184 Background



This preview shows how black text looks on a background with the RYB color 183, 176, 184.



This preview shows how white text looks on a background with the RYB color 183, 176, 184.

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
183, 176, 184

Protanopia
179, 177, 185

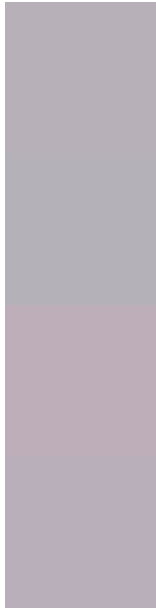
Deuteranopia
192, 173, 185



Tritanopia

184, 175, 189

Trichromacy



Original Color

183, 176, 184

Protanomaly

180, 177, 185

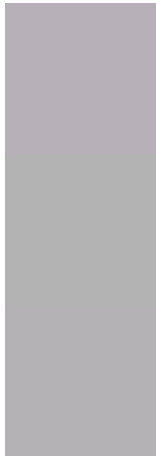
Deuteranomaly

189, 174, 185

Tritanomaly

184, 175, 187

Monochromacy



Original Color

183, 176, 184

Achromatopsia

179, 179, 179

Achromatomaly

180, 178, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 176, 184 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(183, 176, 184) looks like.

```
.text, #text, p{  
    color:rgb(183, 176, 184)  
}
```

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(183, 176, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 176, 184) }
```

Border

The CSS property to change the border of an element to RYB 183, 176, 184 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(183, 176, 184) }
```

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

```
.border{ border-color:rgb(183, 176, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 176, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 176, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 176, 184);  
box-shadow:4px 4px 4px 4px rgb(183, 176,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 183, 176, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 176, 184) }
```

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

```
.background{ background-color: rgb(183,  
176, 184) }
```

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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