

Converting Colors

`RYB(183, 176, 180)`

Have a look what the booklet for
RYB(183, 176, 180) contains.

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Color

R_YB(183, 176, 180)

Conversions

Conversions Part 1

Format	Color
Hex	B7B0B4
RGB	183, 176, 180
RGB Percent	72%, 69%, 71%
CMY	0.2824, 0.3098, 0.2941
CMYK	0.00, 0.04, 0.02, 0.28
HSL	326°, 5%, 70%
HSV	326°, 4%, 72%
XYZ	43.2920, 44.4132, 49.4709
YIQ	178.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

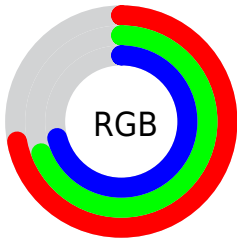
Format	Color
RYB	183, 176, 180
Decimal	12038324
CIELab	72.50, 3.22, -1.16
CIELCh	73, 3.425, 340.179
Yxy	44.4132, 0.3156, 0.3238
Android (android.graphics.Color)	4290228404 (0xFFB7B0B4)
YUV	178.5490, 0.7153, 3.9035
Hunter-Lab	66.6433, -0.6707, 2.6379

Details

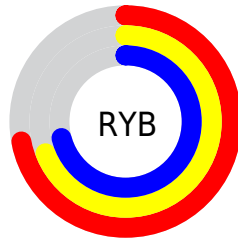
The RYB color **183, 176, 180** is a light color, and the websafe version is hex **999999**. A complement of this color would be **176, 181, 183**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **239, 232, 236**, and **130, 124, 127** is the 20% darker color. If you saturate the color by 10%, you get **183, 158, 172**, and if you desaturate by 10%, it is **183, 191, 194**.

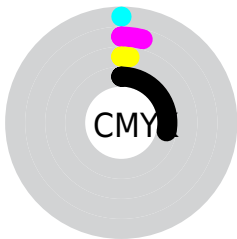
Distribution



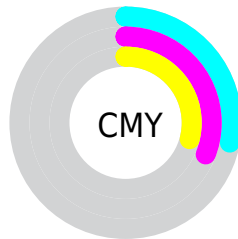
- Red (72%)
- Green (69%)
- Blue (71%)



- Red (72%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (28%)



- Cyan (28%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 176, 180 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, 180 by changing the saturation by 10% instead.

■ 183, 176, 180

255, 255, 255

■ 239, 232, 236

■ 183, 176, 180

■ 156, 149, 153

■ 130, 124, 127

■ 105, 99, 102

■ 81, 75, 78

■ 58, 52, 56

■ 36, 31, 34

■ 15, 7, 12


■ 0, 0, 0

■ 183, 176, 180

■ 183, 176, 180

 183, 158, 172

 183, 191, 194

 183, 139, 164

 183, 204, 213

 183, 121, 156


 183, 216, 231

 183, 103, 149

 183, 229, 249

 183, 85, 141


 183, 231, 255

 183, 66, 133


 183, 228, 255

 183, 48, 125

 183, 225, 255

 183, 30, 117

 183, 222, 255

 183, 11, 109

 183, 220, 255

Harmonies

Analogous

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



180, 177, 183



183, 176, 180



185, 176, 177

Triad

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



183, 176, 180



173, 179, 172



171, 176, 182

Complementary

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



183, 176, 180



176, 181, 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.



171, 176, 180



183, 176, 180



173, 179, 176

Square

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



183, 176, 180



183, 181, 172



173, 178, 180



173, 177, 184

Rectangle

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



183, 176, 180



185, 176, 175



173, 178, 180



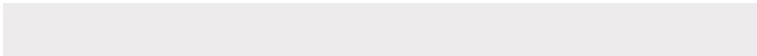
170, 175, 181

Sweetspot

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



183, 176, 180



237, 235, 236



179, 176, 183



120, 119, 119



247, 247, 247



120, 120, 120

Same Dimension

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



183, 176, 180



237, 225, 232



183, 176, 177



92, 86, 89



156, 0, 89



28, 0, 16

Inverse Universe

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



183, 176, 180



237, 225, 232



176, 180, 183



92, 86, 89



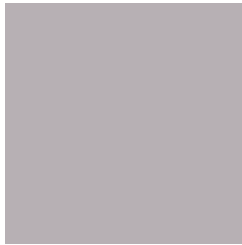
156, 0, 89



28, 0, 16

Previews

White Background



This preview shows how the RYB color 183, 176, 180 looks on a white background.

Color Contrast Check

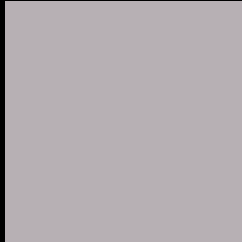
Large Text (above 18pt) WCAG AA × Fail

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, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

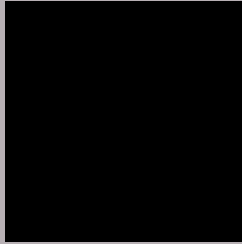
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

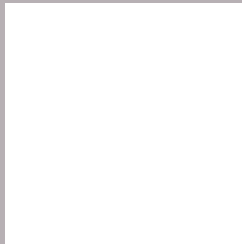
Any Text WCAG AAA ✓ Pass

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

RYB 183, 176, 180 Background



This preview shows how black text looks on a background with the RYB color 183, 176, 180.



This preview shows how white text looks on a background with the RYB color 183, 176, 180.

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, 180

Protanopia
180, 177, 181

Deuteranopia
194, 172, 181



Tritanopia

184, 175, 188

Trichromacy



Original Color

183, 176, 180

Protanomaly

181, 177, 181

Deuteranomaly

190, 173, 181

Tritanomaly

184, 175, 185

Monochromacy



Original Color

183, 176, 180

Achromatopsia

179, 179, 179

Achromatomaly

180, 178, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 176, 180 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, 180) looks like.

```
.text, #text, p{  
    color:rgb(183, 176, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 176, 180) }
```

Border

The CSS property to change the border of an element to RYB 183, 176, 180 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, 180) }
```

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

```
.border{ border-color:rgb(183, 176, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 176, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 176, 180);  
box-shadow:4px 4px 4px 4px rgb(183, 176,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 183, 176, 180 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, 180) }
```

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

```
.background{ background-color: rgb(183,  
176, 180) }
```

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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