

Converting Colors

`RYB(191, 176, 192)`

Have a look what the booklet for RYB(191, 176, 192) contains.

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Color

R_YB(191, 176, 192)

Conversions

Conversions Part 1

Format	Color
Hex	BFB0C0
RGB	191, 176, 192
RGB Percent	75%, 69%, 75%
CMY	0.2510, 0.3098, 0.2471
CMYK	0.01, 0.08, 0.00, 0.25
HSL	296°, 11%, 72%
HSV	296°, 8%, 75%
XYZ	46.5256, 45.9328, 56.2829
YIQ	182.3090, 3.8040, 8.1560

Conversions

Conversions Part 2

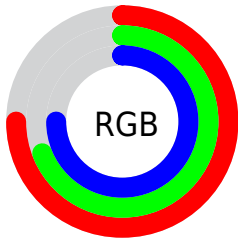
Format	Color
RYB	191, 176, 192
Decimal	12562624
CIELab	73.50, 8.27, -6.20
CIELCh	74, 10.333, 323.153
Yxy	45.9328, 0.3128, 0.3088
Android (android.graphics.Color)	4290752704 (0xFFBFB0C0)
YUV	182.3090, 4.7777, 7.6220
Hunter-Lab	67.7737, 3.9334, -1.7960

Details

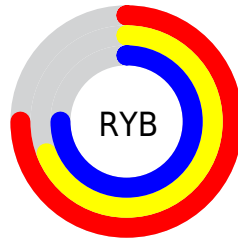
The RYB color **191, 176, 192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **176, 192, 191**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **247, 232, 248**, and **138, 124, 139** is the 20% darker color. If you saturate the color by 10%, you get **190, 157, 192**, and if you desaturate by 10%, it is **192, 195, 195**.

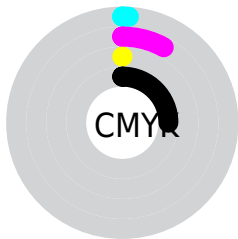
Distribution



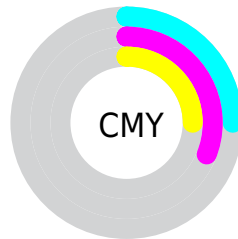
- Red (75%)
- Green (69%)
- Blue (75%)



- Red (75%)
- Yellow (69%)
- Blue (75%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (25%)




- Cyan (25%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 191, 176, 192 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 191, 176, 192 by changing the saturation by 10% instead.

 191, 176, 192

255, 255, 255

 247, 232, 248

 191, 176, 192

 164, 149, 165

 138, 124, 139

 112, 99, 113

 88, 75, 89


 64, 52, 65

 42, 31, 43

 22, 7, 23

 0, 0, 0

 191, 176, 192

 191, 176, 192

190, 157, 192

192, 195, 195

189, 138, 192

192, 214, 213

187, 118, 192

192, 234, 231

186, 99, 192

192, 253, 249

185, 80, 192

192, 255, 250

184, 61, 192

192, 255, 249

183, 42, 192

192, 255, 248

181, 22, 192

192, 255, 246

180, 3, 192

192, 255, 245

Harmonies

Analogous

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



180, 179, 198



191, 176, 192



199, 174, 183

Triad

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



191, 176, 192



182, 191, 162



157, 172, 188

Complementary

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



191, 176, 192



176, 192, 191

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.



161, 176, 186



191, 176, 192



163, 182, 165

Square

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



191, 176, 192



198, 181, 166



169, 185, 185



160, 175, 195

Rectangle

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



191, 176, 192



201, 174, 177



169, 185, 185



158, 173, 186

Sweetspot

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



191, 176, 192



249, 242, 250



176, 177, 192



125, 120, 125



252, 252, 252



125, 125, 125

Same Dimension

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



191, 176, 192



248, 225, 250



192, 176, 185



96, 87, 97



151, 0, 161



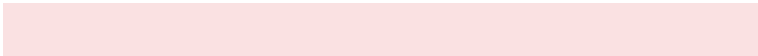
31, 0, 33

Inverse Universe

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



192, 176, 177



250, 225, 226



176, 187, 192



97, 87, 88



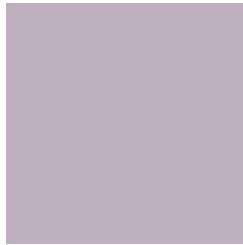
161, 0, 10



33, 0, 2

Previews

White Background



This preview shows how the RYB color 191, 176, 192 looks on a white background.

Color Contrast Check

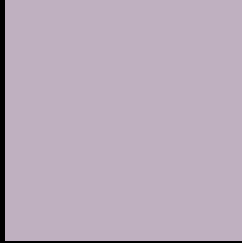
Large Text (above 18pt) WCAG AA × Fail

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 191, 176, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

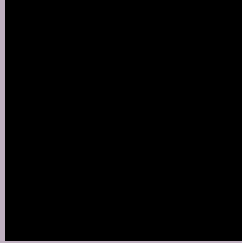
Any Text WCAG AA ✓ Pass

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 191, 176, 192 Background



This preview shows how black text looks on a background with the RYB color 191, 176, 192.



This preview shows how white text looks on a background with the RYB color 191, 176, 192.

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
191, 176, 192

Protanopia
180, 179, 194

Deuteranopia
193, 175, 192



Tritanopia
191, 176, 190

Trichromacy



Original Color

191, 176, 192

Protanomaly

184, 178, 193

Deuteranomaly

192, 175, 192

Tritanomaly

191, 176, 191

Monochromacy



Original Color

191, 176, 192

Achromatopsia

182, 182, 182

Achromatomaly

185, 180, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 176, 192 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(191, 176, 192)` looks like.

```
.text, #text, p{  
    color:rgb(191, 176, 192)  
}
```

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(191, 176, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 176, 192) }
```

Border

The CSS property to change the border of an element to RYB 191, 176, 192 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(191, 176, 192) }
```

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

```
.border{ border-color:rgb(191, 176, 192) }
```

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

Here you see how a box with a 4 pixel rgb(191, 176, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 176, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 176, 192);  
box-shadow:4px 4px 4px 4px rgb(191, 176,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 191, 176, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 176, 192) }
```

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

```
.background{ background-color: rgb(191,  
176, 192) }
```

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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