

Converting Colors

`RYB(192, 176, 178)`

Have a look what the booklet for RYB(192, 176, 178) contains.

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Color

R_YB(192, 176, 178)

Conversions

Conversions Part 1

Format	Color
Hex	C0B0B2
RGB	192, 176, 178
RGB Percent	75%, 69%, 70%
CMY	0.2471, 0.3098, 0.3020
CMYK	0.00, 0.08, 0.07, 0.25
HSL	352°, 11%, 72%
HSV	352°, 8%, 75%
XYZ	45.2994, 45.4715, 48.5088
YIQ	181.0120, 8.8940, 4.0140

Conversions

Conversions Part 2

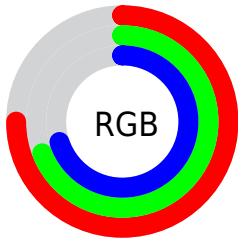
Format	Color
RYB	192, 176, 178
Decimal	12628146
CIELab	73.20, 6.07, 1.04
CIElCh	73, 6.161, 9.760
Yxy	45.4715, 0.3252, 0.3265
Android (android.graphics.Color)	4290818226 (0xFFC0B0B2)
YUV	181.0120, -1.4849, 9.6365
Hunter-Lab	67.4326, 1.9047, 4.5515

Details

The RYB color **192, 176, 178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **176, 185, 192**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **248, 232, 234**, and **138, 124, 125** is the 20% darker color. If you saturate the color by 10%, you get **192, 157, 161**, and if you desaturate by 10%, it is **192, 194, 195**.

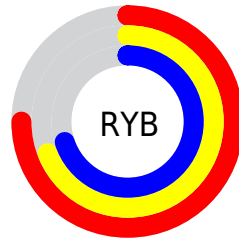
Distribution



Red (75%)

Green (69%)

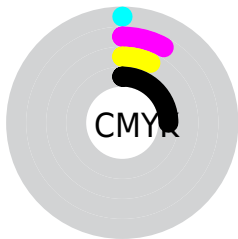
Blue (70%)



Red (75%)

Yellow (69%)

Blue (70%)

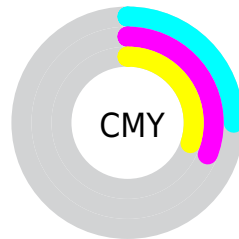


Cyan (0%)

Magenta (8%)

Yellow (7%)

Black (25%)



Cyan (25%)

Magenta (31%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 176, 178 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 192, 176, 178 by changing the saturation by 10% instead.

 192, 176, 178


255, 255, 255

 248, 232, 234

 192, 176, 178

 165, 149, 151

 138, 124, 125

 113, 99, 100

 88, 75, 77

 65, 52, 54

 43, 31, 33

 23, 7, 9

 0, 0, 0

 192, 176, 178

 192, 176, 178

192, 157, 161

192, 194, 195

192, 138, 144

192, 204, 214

192, 118, 128

192, 215, 234

192, 99, 111

192, 225, 253

192, 80, 94

192, 224, 255

192, 61, 77

192, 42, 60

192, 22, 44

192, 3, 27

Harmonies

Analogous

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



189, 176, 184



192, 176, 178



192, 178, 173

Triad

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



192, 176, 178



171, 182, 177



170, 177, 190

Complementary

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



192, 176, 178



176, 185, 192

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.



167, 176, 187



192, 176, 178



170, 179, 183

Square

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



192, 176, 178



173, 183, 169



167, 176, 183



176, 179, 191

Rectangle

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



192, 176, 178



190, 183, 170



167, 176, 183



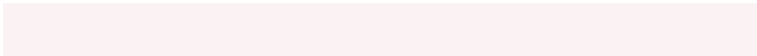
169, 177, 189

Sweetspot

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



192, 176, 178



250, 242, 243



190, 176, 192



125, 120, 121



252, 252, 252



125, 125, 125

Same Dimension

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



192, 176, 178



250, 225, 228



192, 186, 176



97, 87, 88



161, 0, 20



33, 0, 4

Inverse Universe

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



192, 176, 178



250, 225, 228



176, 182, 192



97, 87, 88



161, 0, 20



33, 0, 4

Previews

White Background



This preview shows how the RYB color 192, 176, 178 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 192, 176, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

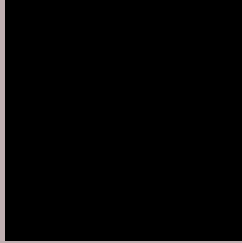
Any Text WCAG AA ✓ Pass

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 192, 176, 178 Background



This preview shows how black text looks on a background with the RYB color 192, 176, 178.



This preview shows how white text looks on a background with the RYB color 192, 176, 178.

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
192, 176, 178

Protanopia
183, 179, 180

Deuteranopia
198, 174, 178



Tritanopia
193, 174, 188

Trichromacy



Original Color

192, 176, 178

Protanomaly

186, 178, 179

Deuteranomaly

196, 175, 178

Tritanomaly

193, 175, 184

Monochromacy



Original Color

192, 176, 178

Achromatopsia

181, 181, 181

Achromatomaly

185, 179, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 176, 178 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(192, 176, 178) looks like.

```
.text, #text, p{  
    color:rgb(192, 176, 178)  
}
```

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(192, 176, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 176, 178) }
```

Border

The CSS property to change the border of an element to RYB 192, 176, 178 is called "border". The border property can be set on classes, ids or directly on the HTML element.

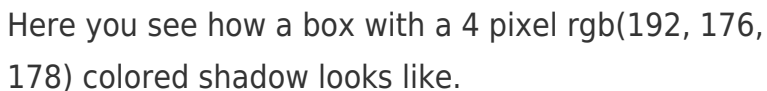
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 176, 178) }
```

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

```
.border{ border-color:rgb(192, 176, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 176, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 176, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 176, 178);  
box-shadow:4px 4px 4px 4px rgb(192, 176,  
178) }
```

Background

The CSS property to change the background color of an element to RYB 192, 176, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 176, 178) }
```

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

```
.background{ background-color: rgb(192,  
176, 178) }
```

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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