

Converting Colors

`RYB(192, 196, 198)`

Have a look what the booklet for
RYB(192, 196, 198) contains.

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Color

R_YB(192, 196, 198)

Conversions

Conversions Part 1

Format	Color
Hex	C0C6C3
RGB	192, 198, 195
RGB Percent	75%, 78%, 76%
CMY	0.2471, 0.2235, 0.2353
CMYK	0.03, 0.00, 0.02, 0.22
HSL	150°, 5%, 76%
HSV	150°, 3%, 78%
XYZ	51.7826, 55.5348, 59.6198
YIQ	195.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

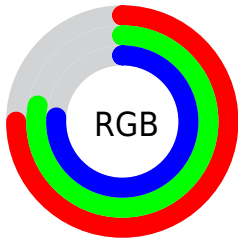
Format	Color
RYB	192, 196, 198
Decimal	12633795
CIELab	79.35, -2.62, 0.77
CIELCh	79, 2.727, 163.553
Yxy	55.5348, 0.3102, 0.3327
Android (android.graphics.Color)	4290823875 (0xFFC0C6C3)
YUV	195.8640, -0.4260, -3.3887
Hunter-Lab	74.5217, -6.3791, 4.7312

Details

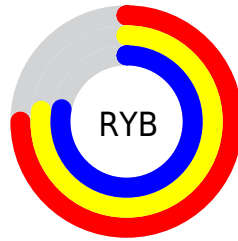
The RYB color **192, 196, 198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **198, 192, 195**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **248, 252, 255**, and **139, 143, 144** is the 20% darker color. If you saturate the color by 10%, you get **172, 189, 198**, and if you desaturate by 10%, it is **212, 198, 205**.

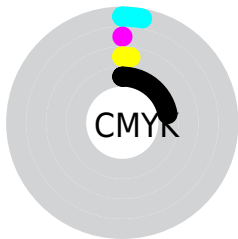
Distribution



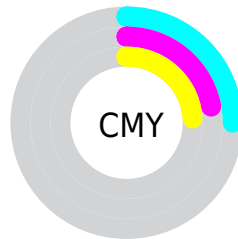
- Red (75%)
- Green (78%)
- Blue (76%)



- Red (75%)
- Yellow (77%)
- Blue (78%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (25%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 196, 198 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, 196, 198 by changing the saturation by 10% instead.

■ 192, 196, 198

255, 255, 255

■ 248, 252, 255

■ 192, 196, 198

■ 165, 169, 171

■ 139, 143, 144

■ 113, 117, 119

■ 89, 93, 94

■ 65, 68, 70

■ 43, 46, 48

■ 23, 26, 27


■ 0, 0, 0


■ 192, 196, 198

■ 192, 196, 198


 172, 189, 198

 212, 198, 205

 152, 183, 198


 232, 198, 215

 133, 177, 198


 251, 198, 225

 113, 170, 198


 255, 198, 235

 93, 163, 198


 255, 198, 245


 73, 156, 198

 255, 198, 254

 53, 149, 198

 255, 198, 255

 34, 143, 198

 14, 137, 198

Harmonies

Analogous

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



193, 197, 195



192, 196, 198



191, 195, 198

Triad

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



192, 196, 198



195, 196, 201



202, 196, 193

Complementary

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



192, 196, 198



198, 192, 195

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.



202, 195, 195



192, 196, 198



199, 196, 200

Square

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



192, 196, 198



193, 196, 201



201, 195, 198



200, 200, 192

Rectangle

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



192, 196, 198



191, 195, 199



201, 195, 198



202, 195, 194

Sweetspot

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



192, 196, 198



252, 254, 255



192, 198, 195



126, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



192, 196, 198



245, 252, 255



192, 195, 198



94, 97, 99



0, 108, 163



0, 24, 36

Inverse Universe

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



198, 192, 195



255, 245, 250



198, 192, 192



99, 94, 97



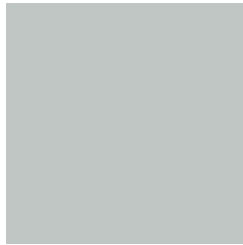
163, 0, 82



36, 0, 18

Previews

White Background



This preview shows how the RYB color 192, 196, 198 looks on a white background.

Color Contrast Check

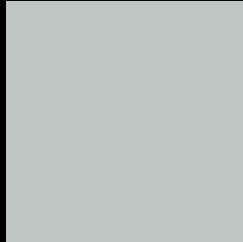
Large Text (above 18pt) WCAG AA × Fail

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, 196, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

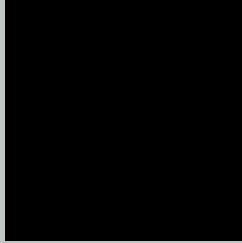
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

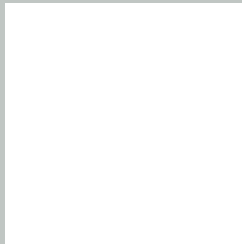
Any Text WCAG AAA ✓ Pass

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

R Y B 192, 196, 198 Background



This preview shows how black text looks on a background with the R Y B color 192, 196, 198.



This preview shows how white text looks on a background with the R Y B color 192, 196, 198.

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](#).

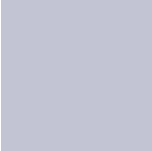
Dichromacy



Original Color
192, 196, 198

Protanopia
200, 195, 194

Deuteranopia
215, 190, 197



Tritanopia
195, 196, 211

Trichromacy



Original Color

192, 196, 198

Protanomaly

196, 197, 194

Deuteranomaly

207, 193, 196

Tritanomaly

194, 196, 205

Monochromacy



Original Color

192, 196, 198

Achromatopsia

196, 196, 196

Achromatomaly

195, 196, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 192, 196, 198 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, 198, 195) looks like.

```
.text, #text, p{  
    color:rgb(192, 198, 195)  
}
```

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, 198, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 198, 195) }
```

Border

The CSS property to change the border of an element to RYB 192, 196, 198 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, 198, 195) }
```

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

```
.border{ border-color:rgb(192, 198, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 198, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 198, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 198, 195);  
box-shadow:4px 4px 4px 4px rgb(192, 198,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 192, 196, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 198, 195) }
```

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

```
.background{ background-color: rgb(192,  
198, 195) }
```

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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