

Converting Colors

`RYB(191, 195, 197)`

Have a look what the booklet for RYB(191, 195, 197) contains.

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Color

R_YB(191, 195, 197)

Conversions

Conversions Part 1

Format	Color
Hex	BFC5C2
RGB	191, 197, 194
RGB Percent	75%, 77%, 76%
CMY	0.2510, 0.2275, 0.2392
CMYK	0.03, 0.00, 0.02, 0.23
HSL	150°, 5%, 76%
HSV	150°, 3%, 77%
XYZ	51.1897, 54.9039, 58.9385
YIQ	194.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

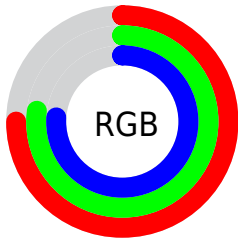
Format	Color
RYB	191, 195, 197
Decimal	12568002
CIELab	78.99, -2.62, 0.77
CIElCh	79, 2.730, 163.551
Yxy	54.9039, 0.3102, 0.3327
Android (android.graphics.Color)	4290758082 (0xFFBFC5C2)
YUV	194.8640, -0.4260, -3.3887
Hunter-Lab	74.0972, -6.3541, 4.7075

Details

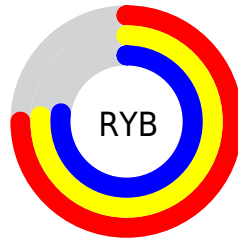
The RYB color **191, 195, 197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **197, 191, 194**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **247, 252, 254**, and **138, 142, 143** is the 20% darker color. If you saturate the color by 10%, you get **171, 188, 197**, and if you desaturate by 10%, it is **211, 197, 204**.

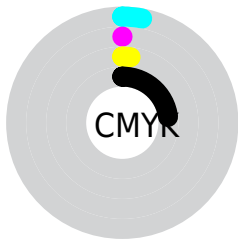
Distribution



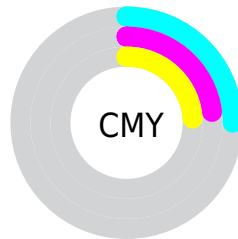
- Red (75%)
- Green (77%)
- Blue (76%)



- Red (75%)
- Yellow (76%)
- Blue (77%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)



- Cyan (25%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 195, 197 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, 195, 197 by changing the saturation by 10% instead.

■ 191, 195, 197

255, 255, 255

■ 247, 252, 254

■ 191, 195, 197

■ 164, 168, 170

■ 138, 142, 143

■ 112, 116, 118

■ 88, 92, 93

■ 65, 69, 70


■ 43, 46, 47


■ 22, 25, 26


■ 0, 0, 0


■ 191, 195, 197


■ 191, 195, 197


 171, 188, 197

 211, 197, 204

 152, 182, 197


 230, 197, 214

 132, 176, 197


 250, 197, 224

 112, 168, 197


 255, 197, 233

 93, 162, 197


 255, 197, 243


 73, 156, 197

 255, 197, 253

 53, 149, 197

 255, 197, 255

 33, 142, 197

 14, 136, 197

Harmonies

Analogous

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



192, 196, 194



191, 195, 197



190, 194, 197

Triad

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



191, 195, 197



194, 195, 200



201, 195, 192

Complementary

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



191, 195, 197



197, 191, 194

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.



201, 194, 194



191, 195, 197



198, 195, 199

Square

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



191, 195, 197



192, 195, 200



200, 194, 197



199, 199, 191

Rectangle

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



191, 195, 197



190, 194, 198



200, 194, 197



201, 194, 193

Sweetspot

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



191, 195, 197



252, 254, 255



191, 197, 194



126, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



191, 195, 197



245, 252, 255



191, 194, 197



94, 97, 99



0, 108, 163



0, 24, 36

Inverse Universe

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



197, 191, 194



255, 245, 250



197, 191, 191



99, 94, 97



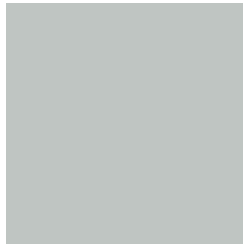
163, 0, 82



36, 0, 18

Previews

White Background



This preview shows how the RYB color 191, 195, 197 looks on a white background.

Color Contrast Check

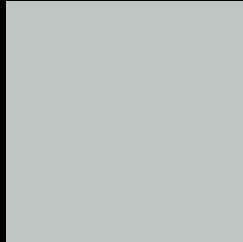
Large Text (above 18pt) WCAG AA × Fail

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, 195, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

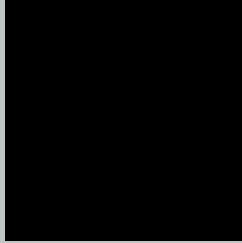
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

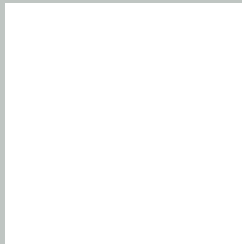
Any Text WCAG AAA ✓ Pass

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

RYB 191, 195, 197 Background



This preview shows how black text looks on a background with the RYB color 191, 195, 197.



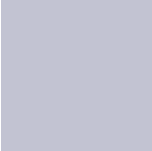
This preview shows how white text looks on a background with the RYB color 191, 195, 197.

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





Tritanopia

194, 195, 210

Trichromacy



Original Color

191, 195, 197

Protanomaly

195, 196, 193

Deuteranomaly

206, 192, 195

Tritanomaly

193, 195, 204

Monochromacy



Original Color

191, 195, 197

Achromatopsia

195, 195, 195

Achromatomaly

194, 195, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 195, 197 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, 197, 194)` looks like.

```
.text, #text, p{  
    color:rgb(191, 197, 194)  
}
```

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, 197, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 197, 194) }
```

Border

The CSS property to change the border of an element to RYB 191, 195, 197 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, 197, 194) }
```

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

```
.border{ border-color:rgb(191, 197, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 197, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 197, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 197, 194); box-shadow:4px 4px 4px 4px rgb(191, 197, 194) }
```

Background

The CSS property to change the background color of an element to RYB 191, 195, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 197, 194) }
```

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

```
.background{ background-color: rgb(191,  
197, 194) }
```

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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