

Converting Colors

`RYB(192, 195, 202)`

Have a look what the booklet for
RYB(192, 195, 202) contains.

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Color

R_YB(192, 195, 202)

Conversions

Conversions Part 1

Format	Color
Hex	C0C4CA
RGB	192, 196, 202
RGB Percent	75%, 77%, 79%
CMY	0.2471, 0.2303, 0.2078
CMYK	0.05, 0.03, 0.00, 0.21
HSL	214°, 9%, 77%
HSV	214°, 5%, 79%
XYZ	52.2033, 55.0796, 63.7571
YIQ	195.4880, -4.3100, 1.0180

Conversions

Conversions Part 2

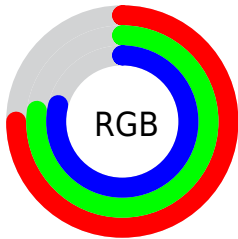
Format	Color
RYB	192, 195, 202
Decimal	12633290
CIELab	79.09, -0.39, -3.38
CIELCh	79, 3.401, 263.464
Yxy	55.0796, 0.3052, 0.3220
Android (android.graphics.Color)	4290823370 (0xFFC0C4CA)
YUV	195.4880, 3.2104, -3.0590
Hunter-Lab	74.2156, -4.3203, 1.0161

Details

The RYB color **192, 195, 202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 202, 192**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **248, 251, 255**, and **139, 141, 148** is the 20% darker color. If you saturate the color by 10%, you get **172, 181, 202**, and if you desaturate by 10%, it is **209, 212, 202**.

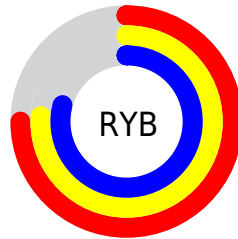
Distribution



Red (75%)

Green (77%)

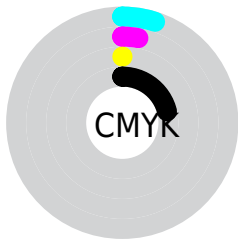
Blue (79%)



Red (75%)

Yellow (76%)

Blue (79%)

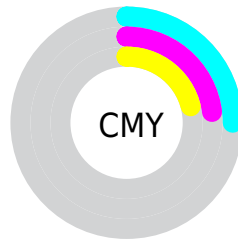


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (21%)



Cyan (25%)

Magenta (23%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 195, 202 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, 195, 202 by changing the saturation by 10% instead.

■ 192, 195, 202

255, 255, 255

■ 248, 251, 255

■ 192, 195, 202

■ 165, 168, 175

■ 139, 142, 148

■ 113, 116, 122

■ 89, 91, 97

■ 65, 68, 74

■ 43, 46, 51

■ 23, 25, 30

■ 0, 0, 4

■ 0, 0, 0

■ 192, 195, 202

■ 192, 195, 202

■ 172, 181, 202

■ 209, 212, 202

■ 152, 167, 202

■ 225, 232, 202

■ 131, 153, 202

■ 241, 253, 202

■ 111, 138, 202

■ 219, 255, 202

■ 91, 125, 202

■ 203, 255, 202

■ 71, 110, 202

■ 202, 255, 202

■ 51, 96, 202

■ 30, 82, 202

■ 10, 67, 202

Harmonies

Analogous

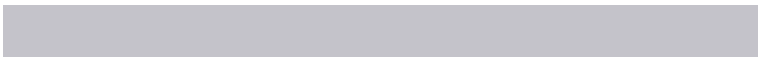
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



189, 194, 201



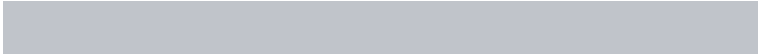
192, 195, 202



196, 195, 202

Triad

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



192, 195, 202



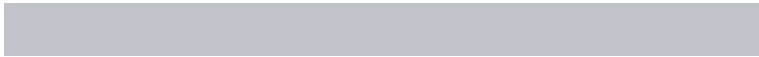
203, 194, 193



192, 197, 197

Complementary

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



192, 195, 202



199, 202, 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.



190, 196, 190



192, 195, 202



202, 195, 191

Square

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



192, 195, 202



202, 194, 197



197, 199, 190



189, 194, 198

Rectangle

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



192, 195, 202



198, 195, 200



197, 199, 190



191, 197, 195

Sweetspot

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



192, 195, 202



252, 253, 255



192, 198, 202



126, 127, 128



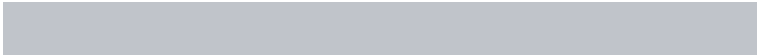
0, 0, 0



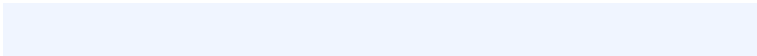
128, 128, 128

Same Dimension

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



192, 195, 202



240, 244, 255



193, 192, 202



95, 97, 102



0, 50, 166



0, 11, 38

Inverse Universe

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



202, 192, 196



255, 240, 246



192, 202, 193



102, 95, 98



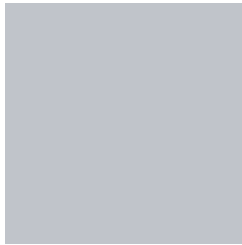
166, 0, 71



38, 0, 16

Previews

White Background



This preview shows how the RYB color 192, 195, 202 looks on a white background.

Color Contrast Check

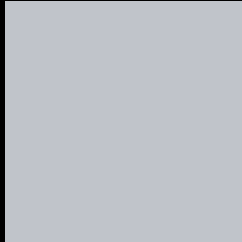
Large Text (above 18pt) WCAG AA × Fail

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, 195, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

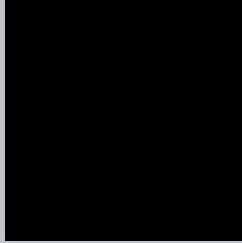
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

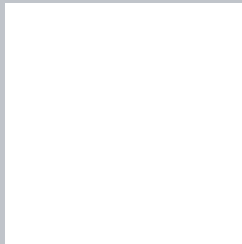
Any Text WCAG AAA ✓ Pass

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

RYB 192, 195, 202 Background



This preview shows how black text looks on a background with the RYB color 192, 195, 202.

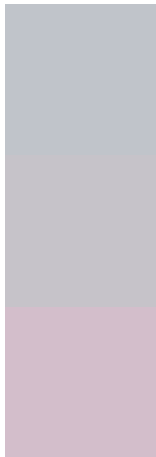


This preview shows how white text looks on a background with the RYB color 192, 195, 202.

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](#).

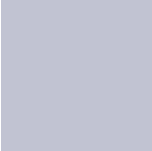
Dichromacy



Original Color
[192](#), [195](#), [202](#)

Protanopia
[198](#), [195](#), [201](#)

Deuteranopia
[211](#), [190](#), [203](#)



Tritanopia
193, 195, 210

Trichromacy



Original Color

192, 195, 202

Protanomaly

196, 195, 201

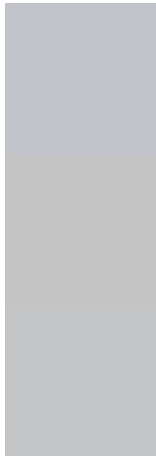
Deuteranomaly

204, 192, 203

Tritanomaly

193, 195, 207

Monochromacy



Original Color

192, 195, 202

Achromatopsia

196, 196, 196

Achromatomaly

195, 196, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 195, 202 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, 196, 202) looks like.

```
.text, #text, p{  
    color:rgb(192, 196, 202)  
}
```

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, 196, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 196, 202) }
```

Border

The CSS property to change the border of an element to RYB 192, 195, 202 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, 196, 202) }
```

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

```
.border{ border-color:rgb(192, 196, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 196, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 196, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 196, 202);  
box-shadow:4px 4px 4px 4px rgb(192, 196,  
202) }
```

Background

The CSS property to change the background color of an element to RYB 192, 195, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 196, 202) }
```

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

```
.background{ background-color: rgb(192,  
196, 202) }
```

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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