

Converting Colors

`RYB(192, 201, 196)`

Have a look what the booklet for
RYB(192, 201, 196) contains.

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Color

R_YB(192, 201, 196)

Conversions

Conversions Part 1

Format	Color
Hex	C5C9C0
RGB	197, 201, 192
RGB Percent	77%, 79%, 75%
CMY	0.2275, 0.2118, 0.2471
CMYK	0.02, 0.00, 0.04, 0.21
HSL	87°, 8%, 77%
HSV	87°, 4%, 79%
XYZ	53.4270, 57.4494, 58.1421
YIQ	198.7780, 0.5050, -3.6470

Conversions

Conversions Part 2

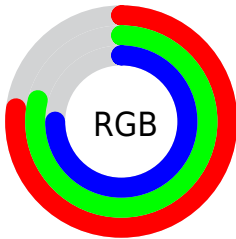
Format	Color
RYB	192, 201, 196
Decimal	12962240
CIELab	80.43, -3.01, 4.00
CIELCh	80, 5.007, 126.920
Yxy	57.4494, 0.3161, 0.3399
Android (android.graphics.Color)	4291152320 (0xFFC5C9C0)
YUV	198.7780, -3.3416, -1.5593
Hunter-Lab	75.7954, -6.8199, 7.5758

Details

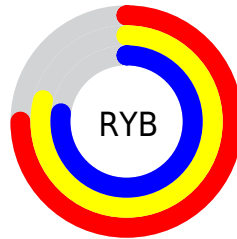
The RYB color **192, 201, 196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196, 192, 201**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **248, 255, 249**, and **139, 147, 143** is the 20% darker color. If you saturate the color by 10%, you get **172, 201, 185**, and if you desaturate by 10%, it is **206, 201, 212**.

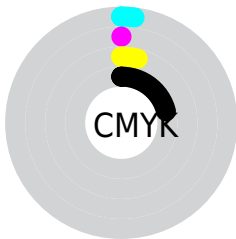
Distribution



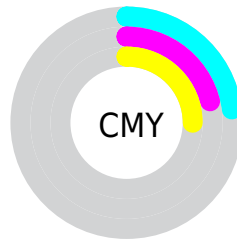
- Red (77%)
- Green (79%)
- Blue (75%)



- Red (75%)
- Yellow (79%)
- Blue (77%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (21%)



- Cyan (23%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 201, 196 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, 201, 196 by changing the saturation by 10% instead.

 192, 201, 196

255, 255, 255

 248, 255, 249


 192, 201, 196


 165, 174, 169

 139, 147, 143

 113, 121, 116

 89, 97, 93

 65, 73, 69

 43, 50, 46

 23, 29, 26

 0, 3, 3

 0, 0, 0

■ 192, 201, 196

■ 192, 201, 196

■ 172, 201, 185

■ 206, 201, 212

■ 152, 201, 174

■ 215, 201, 232

■ 132, 201, 163

■ 224, 201, 252

■ 112, 201, 152

■ 233, 201, 255

■ 92, 201, 141

■ 242, 201, 255

■ 71, 201, 129

■ 251, 201, 255

■ 51, 201, 118

■ 255, 201, 255

■ 31, 201, 106

■ 11, 201, 95

Harmonies

Analogous

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



194, 203, 190



192, 201, 196



192, 199, 202

Triad

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



192, 201, 196



191, 197, 208



210, 196, 199

Complementary

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



192, 201, 196



196, 192, 201

Split Complementary

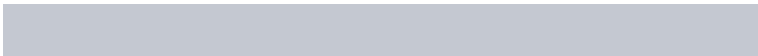
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



207, 197, 203



192, 201, 196



196, 199, 209

Square

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



192, 201, 196



189, 196, 205



202, 198, 207



210, 198, 194

Rectangle

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



192, 201, 196



190, 197, 202



202, 198, 207



209, 197, 200

Sweetspot

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



192, 201, 196



252, 255, 253



201, 199, 192



126, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



192, 201, 196



242, 255, 248



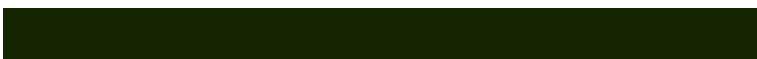
192, 201, 200



93, 99, 95



0, 163, 72



0, 36, 16

Inverse Universe

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



196, 192, 201



248, 242, 255



200, 192, 201



96, 93, 99



73, 0, 163



16, 0, 36

Previews

White Background



This preview shows how the RYB color 192, 201, 196 looks on a white background.

Color Contrast Check

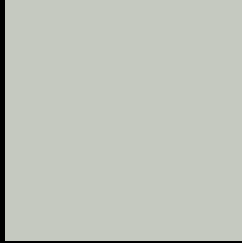
Large Text (above 18pt) WCAG AA × Fail

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, 201, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

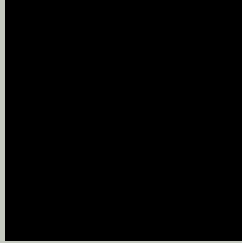
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

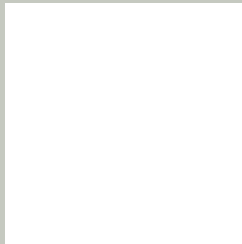
Any Text WCAG AAA ✓ Pass

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

RYB 192, 201, 196 Background



This preview shows how black text looks on a background with the RYB color 192, 201, 196.



This preview shows how white text looks on a background with the RYB color 192, 201, 196.

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, 201, 196

Protanopia
202, 205, 191

Deuteranopia
221, 193, 194



Tritanopia
200, 198, 213

Trichromacy



Original Color

192, 201, 196

Protanomaly

193, 202, 191

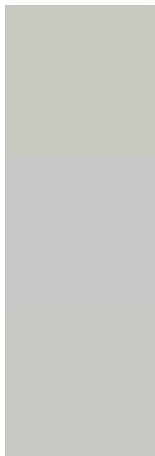
Deuteranomaly

212, 197, 193

Tritanomaly

199, 199, 205

Monochromacy



Original Color

192, 201, 196

Achromatopsia

199, 199, 199

Achromatomaly

196, 200, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 201, 196 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(197, 201, 192) looks like.

```
.text, #text, p{  
    color:rgb(197, 201, 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(197, 201, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 201, 192) }
```

Border

The CSS property to change the border of an element to RYB 192, 201, 196 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(197, 201, 192) }
```

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

```
.border{ border-color:rgb(197, 201, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 201, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 201, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 201, 192);  
box-shadow:4px 4px 4px 4px rgb(197, 201,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 192, 201, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 201, 192) }
```

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

```
.background{ background-color: rgb(197,  
201, 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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