

Converting Colors

`RYB(192, 192, 199)`

Have a look what the booklet for
RYB(192, 192, 199) contains.

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Color

RYB(192, 192, 199)

Conversions

Conversions Part 1

Format	Color
Hex	C0C0C7
RGB	192, 192, 199
RGB Percent	75%, 75%, 78%
CMY	0.2471, 0.2471, 0.2196
CMYK	0.04, 0.04, 0.00, 0.22
HSL	240°, 6%, 77%
HSV	240°, 4%, 78%
XYZ	50.8967, 53.0293, 61.5860
YIQ	192.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

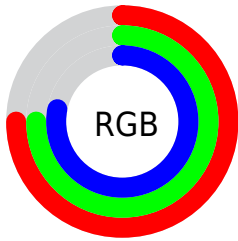
Format	Color
RYB	192, 192, 199
Decimal	12632263
CIELab	77.89, 1.32, -3.52
CIELCh	78, 3.756, 290.538
Yxy	53.0293, 0.3075, 0.3204
Android (android.graphics.Color)	4290822343 (0xFFC0C0C7)
YUV	192.7980, 3.0576, -0.6998
Hunter-Lab	72.8212, -2.6787, 0.8324

Details

The RYB color **192, 192, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **192, 199, 192**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **248, 248, 255**, and **139, 139, 145** is the 20% darker color. If you saturate the color by 10%, you get **172, 172, 199**, and if you desaturate by 10%, it is **199, 212, 199**.

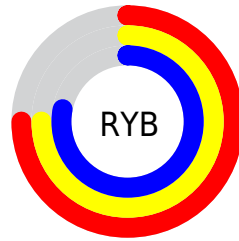
Distribution



Red (75%)

Green (75%)

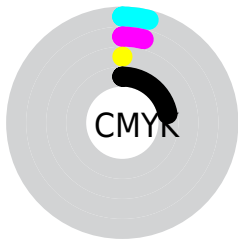
Blue (78%)



Red (75%)

Yellow (75%)

Blue (78%)

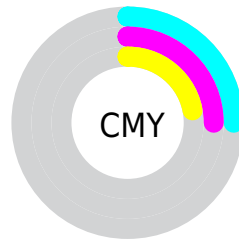


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (22%)



Cyan (25%)

Magenta (25%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RYB color 192, 192, 199 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, 192, 199 by changing the saturation by 10% instead.

 192, 192, 199

255, 255, 255

 248, 248, 255

 192, 192, 199

 165, 165, 172

 139, 139, 145

 113, 113, 120

 89, 89, 95

 65, 65, 71

 43, 43, 49

 23, 23, 28


 0, 0, 0

 192, 192, 199


 192, 192, 199

 172, 172, 199


 199, 212, 199

 152, 152, 199

 199, 232, 199

 132, 132, 199

 199, 252, 199

 112, 112, 199

 199, 255, 199

 93, 93, 199

 73, 73, 199

 53, 53, 199

 33, 33, 199

 13, 13, 199

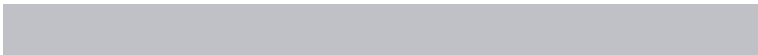
Harmonies

Analogous

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



188, 191, 199



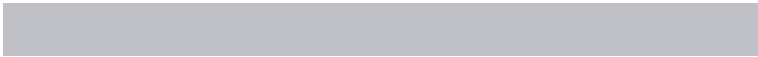
192, 192, 199



196, 191, 197

Triad

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



192, 192, 199



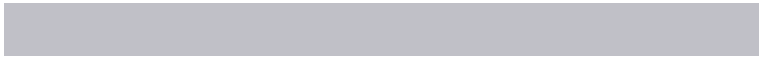
200, 193, 187



186, 192, 195

Complementary

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



192, 192, 199



192, 199, 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.



188, 194, 193



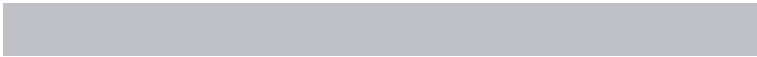
192, 192, 199



195, 197, 186

Square

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



192, 192, 199



200, 190, 190



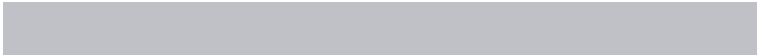
186, 193, 186



184, 190, 195

Rectangle

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



192, 192, 199



198, 191, 195



186, 193, 186



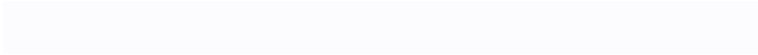
187, 192, 194

Sweetspot

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



192, 192, 199



252, 252, 255



192, 196, 199



126, 126, 128



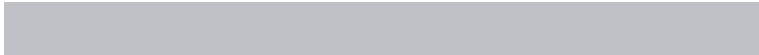
0, 0, 0



128, 128, 128

Same Dimension

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



192, 192, 199



245, 245, 255



196, 192, 199



94, 94, 99



0, 0, 163



0, 0, 36

Inverse Universe

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



199, 192, 199



255, 245, 255



192, 199, 195



99, 94, 99



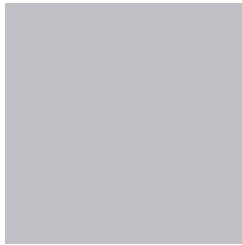
163, 0, 163



36, 0, 36

Previews

White Background



This preview shows how the RYB color 192, 192, 199 looks on a white background.

Color Contrast Check

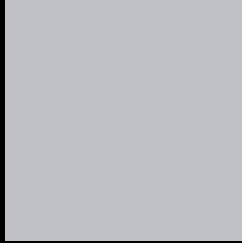
Large Text (above 18pt) WCAG AA × Fail

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, 192, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

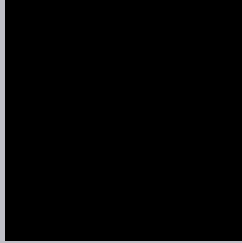
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

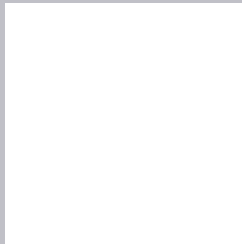
Any Text WCAG AAA ✓ Pass

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

RYB 192, 192, 199 Background



This preview shows how black text looks on a background with the RYB color 192, 192, 199.



This preview shows how white text looks on a background with the RYB color 192, 192, 199.

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, 192, 199

Protanopia
194, 191, 199

Deuteranopia
208, 187, 200



Tritanopia
193, 191, 206

Trichromacy



Original Color

192, 192, 199

Protanomaly

193, 191, 199

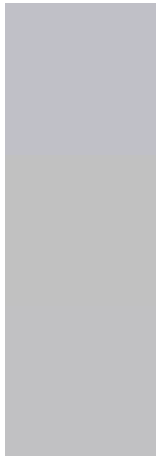
Deuteranomaly

202, 189, 200

Tritanomaly

193, 191, 203

Monochromacy



Original Color

192, 192, 199

Achromatopsia

193, 193, 193

Achromatomaly

193, 193, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 192, 199 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, 192, 199)` looks like.

```
.text, #text, p{  
    color:rgb(192, 192, 199)  
}
```

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, 192, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 192, 199) }
```

Border

The CSS property to change the border of an element to RYB 192, 192, 199 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, 192, 199) }
```

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

```
.border{ border-color:rgb(192, 192, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 192, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 192, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 192, 199); box-shadow:4px 4px 4px 4px rgb(192, 192, 199) }
```

Background

The CSS property to change the background color of an element to RYB 192, 192, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 192, 199) }
```

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

```
.background{ background-color: rgb(192,  
192, 199) }
```

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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