

Converting Colors

`RYB(192, 192, 193)`

Have a look what the booklet for
RYB(192, 192, 193) contains.

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Color

R_YB(192, 192, 193)

Conversions

Conversions Part 1

Format	Color
Hex	C0C0C1
RGB	192, 192, 193
RGB Percent	75%, 75%, 76%
CMY	0.2471, 0.2471, 0.2431
CMYK	0.01, 0.01, 0.00, 0.24
HSL	240°, 1%, 75%
HSV	240°, 1%, 76%
XYZ	50.2135, 52.7560, 57.9885
YIQ	192.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

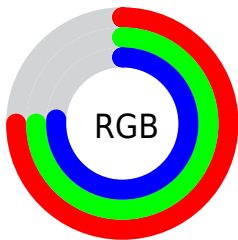
Format	Color
RYB	192, 192, 193
Decimal	12632257
CIELab	77.73, 0.19, -0.51
CIELCh	78, 0.545, 290.342
Yxy	52.7560, 0.3120, 0.3278
Android (android.graphics.Color)	4290822337 (0xFFC0C0C1)
YUV	192.1140, 0.4368, -0.1000
Hunter-Lab	72.6333, -3.7061, 3.5078

Details

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

A 20% lighter version of the original color is **248, 248, 249**, and **139, 139, 140** is the 20% darker color. If you saturate the color by 10%, you get **173, 173, 193**, and if you desaturate by 10%, it is **193, 211, 193**.

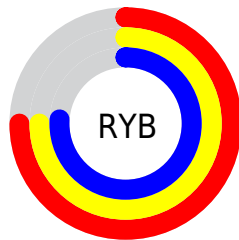
Distribution



Red (75%)

Green (75%)

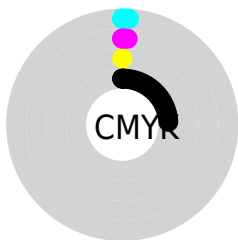
Blue (76%)



Red (75%)

Yellow (75%)

Blue (76%)

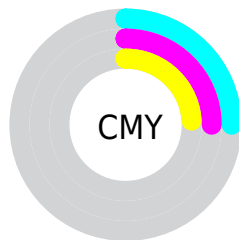


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (24%)



Cyan (25%)


Magenta (25%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 192, 193 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, 193 by changing the saturation by 10% instead.

 192, 192, 193

255, 255, 255

 248, 248, 249

 192, 192, 193

 165, 165, 166

 139, 139, 140

 113, 113, 114

 89, 89, 90

 65, 65, 66

 43, 43, 44

 23, 23, 24

 0, 0, 0

 192, 192, 193

 192, 192, 193

■ 173, 173, 193

■ 193, 211, 193

■ 153, 153, 193

■ 193, 231, 193

■ 134, 134, 193

■ 193, 250, 193

■ 115, 115, 193

■ 193, 255, 193

■ 96, 96, 193

■ 76, 76, 193

■ 57, 57, 193

■ 38, 38, 193

■ 18, 18, 193

Harmonies

Analogous

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



191, 192, 193



192, 192, 193



193, 192, 193

Triad

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



192, 192, 193



193, 193, 191



191, 192, 192

Complementary

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



192, 192, 193



192, 193, 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.



191, 192, 191



192, 192, 193



193, 193, 191

Square

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



192, 192, 193



193, 192, 192



191, 192, 191



191, 192, 192

Rectangle

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



192, 192, 193



193, 192, 192



191, 192, 191



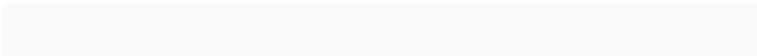
191, 192, 192

Sweetspot

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



192, 192, 193



250, 250, 250



192, 193, 193



125, 125, 125



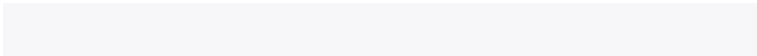
252, 252, 252

Same Dimension

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



192, 192, 193



247, 247, 250



193, 192, 193



96, 96, 97



0, 0, 161



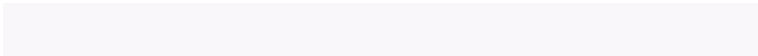
0, 0, 33

Inverse Universe

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



193, 192, 193



250, 247, 250



192, 193, 192



97, 96, 97



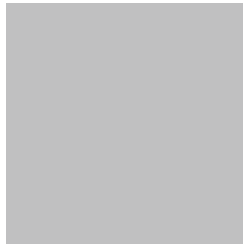
161, 0, 161



33, 0, 33

Previews

White Background



This preview shows how the RYB color 192, 192, 193 looks on a white background.

Color Contrast Check

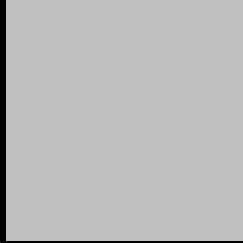
Large Text (above 18pt) WCAG AA × Fail

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, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

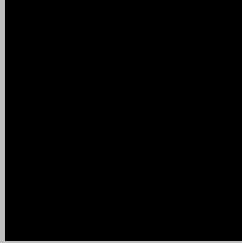
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

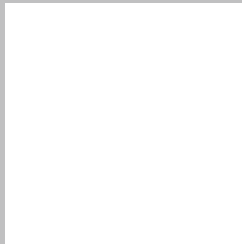
Any Text WCAG AAA ✓ Pass

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

R Y B 192, 192, 193 Background



This preview shows how black text looks on a background with the R Y B color 192, 192, 193.

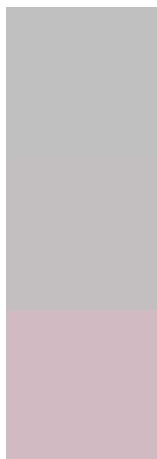


This preview shows how white text looks on a background with the R Y B color 192, 192, 193.

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, 193

Protanopia

195, 191, 192

Deuteranopia

209, 186, 194



Tritanopia
194, 190, 205

Trichromacy



Original Color

192, 192, 193

Protanomaly

194, 191, 192

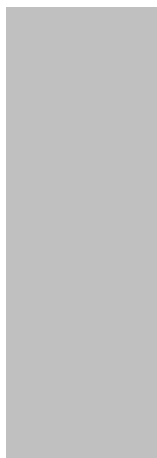
Deuteranomaly

203, 188, 194

Tritanomaly

193, 191, 201

Monochromacy



Original Color

192, 192, 193

Achromatopsia

192, 192, 192

Achromatomaly

192, 192, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 192, 193 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(192, 192, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 192, 193) }
```

Border

The CSS property to change the border of an element to RYB 192, 192, 193 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, 193) }
```

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

```
.border{ border-color:rgb(192, 192, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 192, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 192, 193);  
box-shadow:4px 4px 4px 4px rgb(192, 192,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 192, 192, 193 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, 193) }
```

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

```
.background{ background-color: rgb(192,  
192, 193) }
```

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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