

Converting Colors

`RYB(193, 189, 192)`

Have a look what the booklet for RYB(193, 189, 192) contains.

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Color

R_YB(193, 189, 192)

Conversions

Conversions Part 1

Format	Color
Hex	C1BDC0
RGB	193, 189, 192
RGB Percent	76%, 74%, 75%
CMY	0.2431, 0.2588, 0.2471
CMYK	0.00, 0.02, 0.01, 0.24
HSL	315°, 3%, 75%
HSV	315°, 2%, 76%
XYZ	49.7043, 51.5384, 57.1974
YIQ	190.5380, 1.4210, 1.7810

Conversions

Conversions Part 2

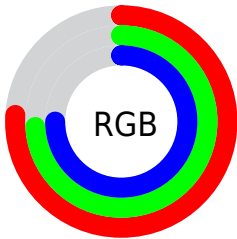
Format	Color
RYB	193, 189, 192
Decimal	12697024
CIELab	77.00, 1.95, -1.02
CIELCh	77, 2.203, 332.329
Yxy	51.5384, 0.3137, 0.3253
Android (android.graphics.Color)	4290887104 (0xFFC1BDC0)
YUV	190.5380, 0.7208, 2.1592
Hunter-Lab	71.7903, -2.0476, 3.0151

Details

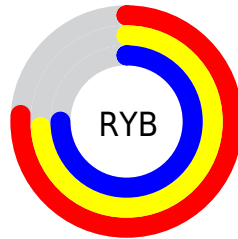
The RYB color **193, 189, 192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **189, 192, 193**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **249, 245, 248**, and **140, 136, 139** is the 20% darker color. If you saturate the color by 10%, you get **193, 170, 187**, and if you desaturate by 10%, it is **193, 205, 208**.

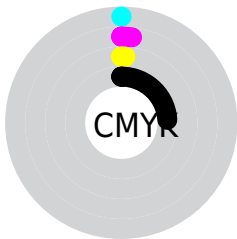
Distribution



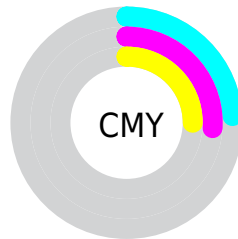
- Red (76%)
- Green (74%)
- Blue (75%)



- Red (76%)
- Yellow (74%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (24%)



- Cyan (24%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 189, 192 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 193, 189, 192 by changing the saturation by 10% instead.

■ 193, 189, 192

255, 255, 255

■ 249, 245, 248

■ 193, 189, 192

■ 166, 162, 165

■ 140, 136, 139

■ 114, 110, 113

■ 90, 86, 89

■ 66, 63, 65

■ 44, 41, 43

■ 24, 21, 23

■ 0, 0, 0

■ 193, 189, 192

■ 193, 189, 192

193, 170, 187

193, 205, 208

193, 150, 182

193, 221, 228

193, 131, 178

193, 237, 247

193, 112, 173

193, 241, 255

193, 93, 168

193, 238, 255

193, 73, 163

193, 236, 255

193, 54, 158

193, 233, 255

193, 35, 153

193, 231, 255

193, 15, 149

193, 230, 255

Harmonies

Analogous

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



191, 190, 194



193, 189, 192



194, 189, 190

Triad

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



193, 189, 192



189, 192, 186



185, 188, 192

Complementary

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



193, 189, 192



189, 192, 193

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.



186, 189, 191



193, 189, 192



187, 191, 189

Square

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



193, 189, 192



194, 190, 187



187, 190, 191



186, 189, 194

Rectangle

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



193, 189, 192



195, 189, 189



187, 190, 191



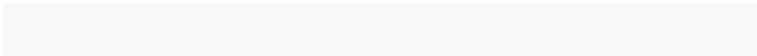
185, 188, 192

Sweetspot

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



193, 189, 192



250, 247, 249



190, 189, 193



125, 124, 125



252, 252, 252



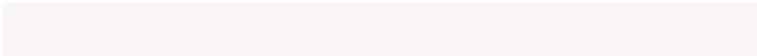
125, 125, 125

Same Dimension

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



193, 189, 192



250, 245, 249



193, 189, 190



97, 95, 96



161, 0, 120



33, 0, 25

Inverse Universe

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



193, 189, 192



250, 245, 249



189, 191, 193



97, 95, 96



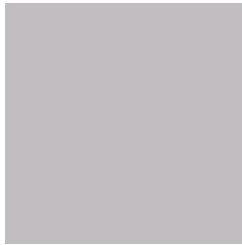
161, 0, 120



33, 0, 25

Previews

White Background



This preview shows how the RYB color 193, 189, 192 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 193, 189, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

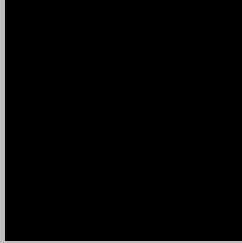
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

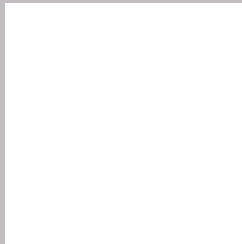
Any Text WCAG AAA ✓ Pass

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

RYB 193, 189, 192 Background



This preview shows how black text looks on a background with the RYB color 193, 189, 192.

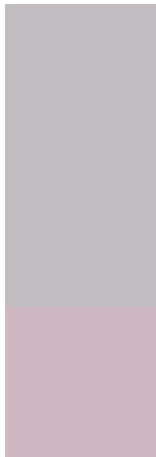


This preview shows how white text looks on a background with the RYB color 193, 189, 192.

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
[193, 189, 192](#)

Protanopia
[193, 189, 192](#)

Deuteranopia
[207, 184, 193](#)



Tritanopia
195, 187, 202

Trichromacy



Original Color

193, 189, 192

Protanomaly

193, 189, 192

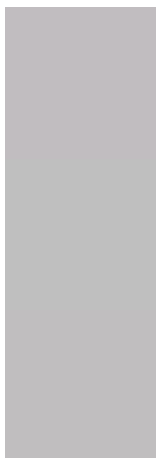
Deuteranomaly

202, 186, 193

Tritanomaly

194, 188, 198

Monochromacy



Original Color

193, 189, 192

Achromatopsia

191, 191, 191

Achromatomaly

192, 190, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 189, 192 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(193, 189, 192) looks like.

```
.text, #text, p{  
    color:rgb(193, 189, 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(193, 189, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 189, 192) }
```

Border

The CSS property to change the border of an element to RYB 193, 189, 192 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(193, 189, 192) }
```

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

```
.border{ border-color:rgb(193, 189, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 189, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 189, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 189, 192);  
box-shadow:4px 4px 4px 4px rgb(193, 189,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 193, 189, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 189, 192) }
```

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

```
.background{ background-color: rgb(193,  
189, 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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