

Converting Colors

`RYB(193, 189, 190)`

Have a look what the booklet for
RYB(193, 189, 190) contains.

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Color

R_YB(193, 189, 190)

Conversions

Conversions Part 1

Format	Color
Hex	C1BDBE
RGB	193, 189, 190
RGB Percent	76%, 74%, 75%
CMY	0.2431, 0.2588, 0.2549
CMYK	0.00, 0.02, 0.02, 0.24
HSL	345°, 3%, 75%
HSV	345°, 2%, 76%
XYZ	49.4842, 51.4504, 56.0380
YIQ	190.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

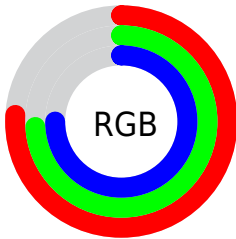
Format	Color
R _Y B	193, 189, 190
Decimal	12697022
CIE Lab	76.95, 1.58, -0.02
CIE LCh	77, 1.584, 359.402
Yxy	51.4504, 0.3152, 0.3278
Android (android.graphics.Color)	4290887102 (0xFFC1BDBE)
YUV	190.3100, -0.1528, 2.3591
Hunter-Lab	71.7289, -2.3824, 3.8901

Details

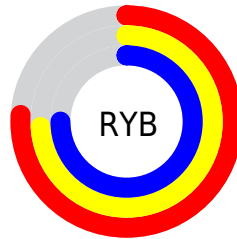
The RYB color **193, 189, 190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **189, 191, 193**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **249, 245, 246**, and **140, 136, 137** is the 20% darker color. If you saturate the color by 10%, you get **193, 170, 176**, and if you desaturate by 10%, it is **193, 202, 208**.

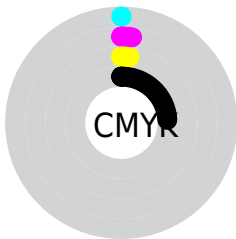
Distribution



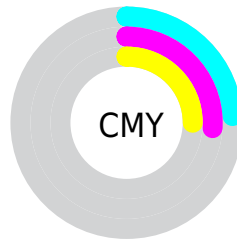
- Red (76%)
- Green (74%)
- Blue (75%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 189, 190 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, 190 by changing the saturation by 10% instead.

■ 193, 189, 190

255, 255, 255

■ 249, 245, 246

■ 193, 189, 190

■ 166, 162, 163

■ 140, 136, 137

■ 114, 110, 111

■ 90, 86, 87

■ 66, 63, 64

■ 44, 41, 42

■ 24, 21, 21

■ 0, 0, 0

■ 193, 189, 190

■ 193, 189, 190

193, 170, 176

193, 202, 208

193, 150, 161

193, 213, 228

193, 131, 147

193, 224, 247

193, 112, 132

193, 226, 255

193, 93, 118

193, 224, 255

193, 73, 103

193, 54, 89

193, 35, 74

193, 15, 60

Harmonies

Analogous

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



192, 189, 191



193, 189, 190



193, 189, 189

Triad

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



193, 189, 190



187, 190, 187



187, 189, 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, 190



189, 191, 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.



187, 189, 191



193, 189, 190



188, 191, 191

Square

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



193, 189, 190



188, 191, 187



187, 189, 191



189, 190, 193

Rectangle

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



193, 189, 190



193, 189, 188



187, 189, 191



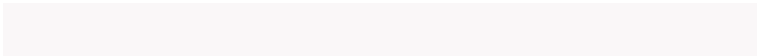
187, 189, 192

Sweetspot

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



193, 189, 190



250, 247, 248



192, 189, 193



125, 124, 124



252, 252, 252



125, 125, 125

Same Dimension

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



193, 189, 190



250, 245, 246



193, 190, 189



97, 95, 95



161, 0, 40



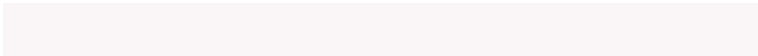
33, 0, 8

Inverse Universe

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



193, 189, 190



250, 245, 246



189, 191, 193



97, 95, 95



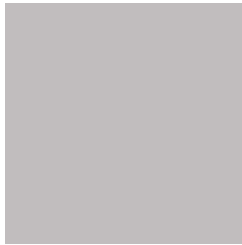
161, 0, 40



33, 0, 8

Previews

White Background



This preview shows how the RYB color 193, 189, 190 looks on a white background.

Color Contrast Check

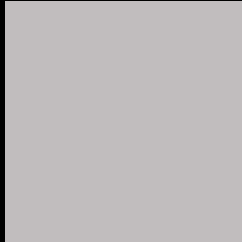
Large Text (above 18pt) WCAG AA × Fail

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, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

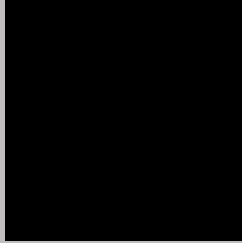
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

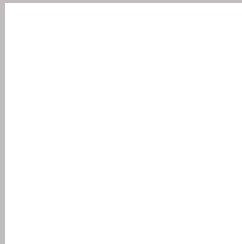
Any Text WCAG AAA ✓ Pass

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

RYB 193, 189, 190 Background



This preview shows how black text looks on a background with the RYB color 193, 189, 190.

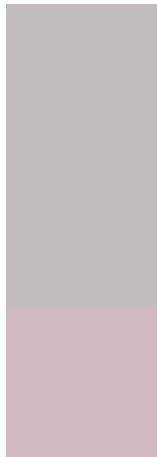


This preview shows how white text looks on a background with the RYB color 193, 189, 190.

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, 190

Protanopia
193, 189, 190

Deuteranopia
208, 184, 191



Tritanopia
195, 187, 202

Trichromacy



Original Color

193, 189, 190

Protanomaly

193, 189, 190

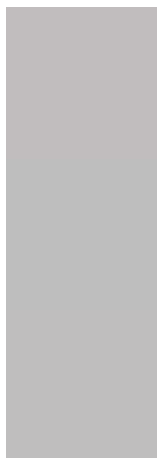
Deuteranomaly

203, 186, 191

Tritanomaly

194, 188, 198

Monochromacy



Original Color

193, 189, 190

Achromatopsia

190, 190, 190

Achromatomaly

191, 190, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 189, 190 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(193, 189, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 189, 190) }
```

Border

The CSS property to change the border of an element to RYB 193, 189, 190 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, 190) }
```

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

```
.border{ border-color:rgb(193, 189, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 189, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 189, 190);  
box-shadow:4px 4px 4px 4px rgb(193, 189,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 193, 189, 190 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, 190) }
```

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

```
.background{ background-color: rgb(193,  
189, 190) }
```

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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