

Converting Colors

RGB(187, 189, 188)

Have a look what the booklet for
RGB(187, 189, 188) contains.

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Color

RGB(187, 189, 188)

Conversions

Conversions Part 1

Format	Color
Hex	BBBDBC
RGB	187, 189, 188
RGB Percent	73%, 74%, 74%
CMY	0.2667, 0.2588, 0.2627
CMYK	0.01, 0.00, 0.01, 0.26
HSL	150°, 1%, 74%
HSV	150°, 1%, 74%
XYZ	47.7682, 50.5908, 54.8243
YIQ	188.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

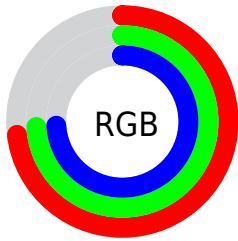
Format	Color
R _{YB}	187, 188, 189
Decimal	12303804
CIE Lab	76.43, -0.88, 0.25
CIE LCh	76, 0.912, 163.992
Yxy	50.5908, 0.3118, 0.3303
Android (android.graphics.Color)	4290493884 (0xFFBBBDBC)
YUV	188.2880, -0.1420, -1.1296
Hunter-Lab	71.1272, -4.5941, 4.0888

Details

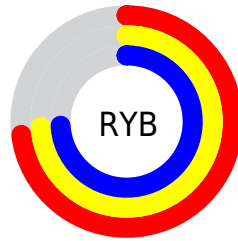
The RGB color **187, 189, 188** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **189, 187, 188**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **243, 245, 244**, and **134, 136, 135** is the 20% darker color. If you saturate the color by 10%, you get **168, 189, 179**, and if you desaturate by 10%, it is **206, 189, 197**.

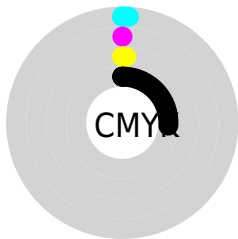
Distribution



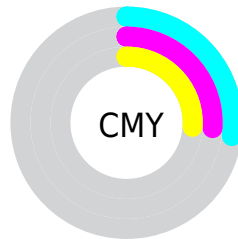
- Red (73%)
- Green (74%)
- Blue (74%)



- Red (73%)
- Yellow (74%)
- Blue (74%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



- Cyan (27%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 189, 188 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 RGB color 187, 189, 188 by changing the saturation by 10% instead.

■ 187, 189, 188

255, 255, 255

■ 243, 245, 244

■ 187, 189, 188

■ 160, 162, 161

■ 134, 136, 135

■ 109, 110, 110

■ 84, 86, 85

■ 61, 63, 62

■ 40, 41, 40

■ 19, 21, 20

■ 0, 0, 0


■ 187, 189, 188


■ 187, 189, 188

 168, 189, 179


 206, 189, 197

 149, 189, 169


 225, 189, 207


 130, 189, 160


 244, 189, 216

 111, 189, 150


 255, 189, 226

 92, 189, 141


 255, 189, 235

 74, 189, 131


 255, 189, 245

 55, 189, 122

 255, 189, 254

 36, 189, 112

 255, 189, 255

 17, 189, 103

Harmonies

Analogous

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



188, 189, 187



187, 189, 188



187, 189, 189

Triad

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



187, 189, 188



188, 188, 190



190, 188, 187

Complementary

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



187, 189, 188



189, 187, 188

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.



190, 188, 188



187, 189, 188



189, 188, 190

Square

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



187, 189, 188



187, 189, 190



190, 188, 189



190, 188, 187

Rectangle

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



187, 189, 188



187, 189, 189



190, 188, 189



190, 188, 188

Sweetspot

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



187, 189, 188



245, 245, 245



188, 189, 187



122, 122, 122



250, 250, 250

Same Dimension

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



187, 189, 188



242, 245, 244



187, 189, 189



93, 94, 94



0, 158, 79



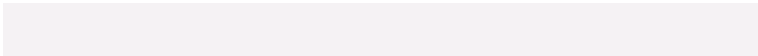
0, 31, 15

Inverse Universe

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



189, 187, 188



245, 242, 244



189, 187, 187



94, 93, 94



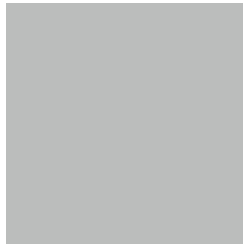
158, 0, 79



31, 0, 15

Previews

White Background



This preview shows how the RGB color 187, 189, 188 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 RGB color 187, 189, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

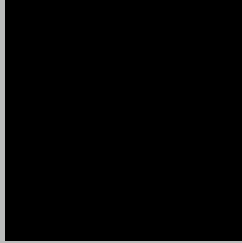
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

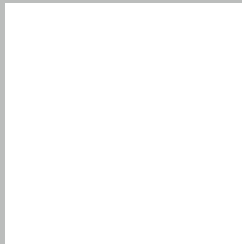
Any Text WCAG AAA ✓ Pass

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

RGB 187, 189, 188 Background



This preview shows how black text looks on a background with the RGB color 187, 189, 188.



This preview shows how white text looks on a background with the RGB color 187, 189, 188.

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
187, 189, 188

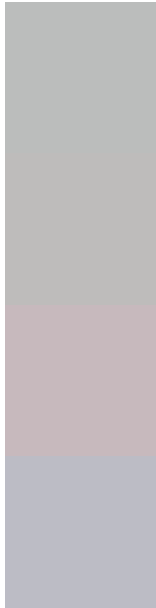
Protanopia
192, 188, 187

Deuteranopia
206, 182, 189



Tritanopia
189, 187, 202

Trichromacy



Original Color

187, 189, 188

Protanomaly

190, 188, 187

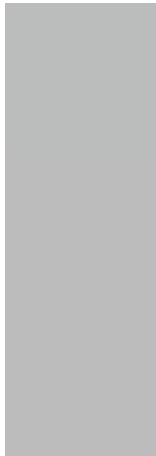
Deuteranomaly

199, 185, 189

Tritanomaly

188, 188, 197

Monochromacy



Original Color

187, 189, 188

Achromatopsia

188, 188, 188

Achromatomaly

188, 188, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 189, 188 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(187, 189, 188) looks like.

```
.text, #text, p{  
    color:rgb(187, 189, 188)  
}
```

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(187, 189, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 189, 188) }
```

Border

The CSS property to change the border of an element to RGB 187, 189, 188 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(187, 189, 188) }
```

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

```
.border{ border-color:rgb(187, 189, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 189, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 189, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 189, 188);  
box-shadow:4px 4px 4px 4px rgb(187, 189,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 187, 189, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 189, 188) }
```

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

```
.background{ background-color: rgb(187,  
189, 188) }
```

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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