

Converting Colors

`RYB(185, 189, 189)`

Have a look what the booklet for
RYB(185, 189, 189) contains.

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Color

R_YB(185, 189, 189)

Conversions

Conversions Part 1

Format	Color
Hex	B9BDB9
RGB	185, 189, 185
RGB Percent	73%, 74%, 73%
CMY	0.2745, 0.2588, 0.2745
CMYK	0.02, 0.00, 0.02, 0.26
HSL	120°, 3%, 73%
HSV	120°, 2%, 74%
XYZ	46.9621, 50.2123, 53.1157
YIQ	187.3480, -1.1000, -2.0920

Conversions

Conversions Part 2

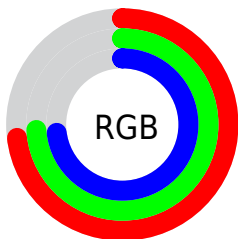
Format	Color
R _Y B	185, 189, 189
Decimal	12172729
CIE Lab	76.20, -2.13, 1.52
CIE LCh	76, 2.618, 144.420
Yxy	50.2123, 0.3125, 0.3341
Android (android.graphics.Color)	4290362809 (0xFFB9BDB9)
YUV	187.3480, -1.1576, -2.0592
Hunter-Lab	70.8606, -5.7070, 5.1598

Details

The RYB color **185, 189, 189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **189, 185, 189**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **241, 245, 245**, and **132, 136, 136** is the 20% darker color. If you saturate the color by 10%, you get **166, 189, 189**, and if you desaturate by 10%, it is **204, 189, 204**.

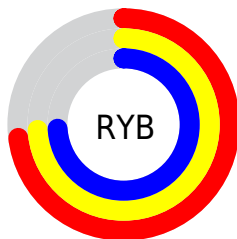
Distribution



Red (73%)

Green (74%)

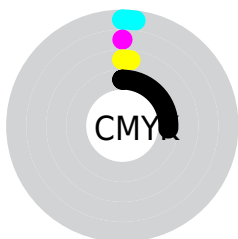
Blue (73%)



Red (73%)

Yellow (74%)

Blue (74%)

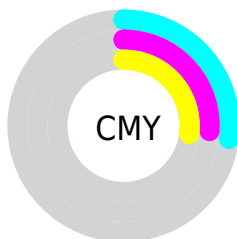


Cyan (2%)

Magenta (0%)

Yellow (2%)

Black (26%)



Cyan (27%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 189, 189 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 185, 189, 189 by changing the saturation by 10% instead.

■ 185, 189, 189

255, 255, 255

■ 241, 245, 245

■ 185, 189, 189

■ 158, 162, 162

■ 132, 136, 136

■ 107, 110, 110

■ 83, 86, 86

■ 60, 63, 63


■ 38, 41, 41

■ 17, 21, 21


■ 0, 0, 0

■ 185, 189, 189


■ 185, 189, 189


 166, 189, 189

 204, 189, 204

 147, 189, 189


 223, 189, 223


 128, 189, 189


 242, 189, 242


 109, 189, 189


 255, 189, 255

 91, 189, 189

 72, 189, 189

 53, 189, 189

 34, 189, 189

 15, 189, 189

Harmonies

Analogous

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



183, 188, 183



185, 189, 189



183, 187, 189

Triad

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



185, 189, 189



185, 187, 193



193, 186, 186

Complementary

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



185, 189, 189



189, 185, 189

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.



193, 186, 188



185, 189, 189



188, 187, 192

Square

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



185, 189, 189



183, 187, 192



191, 187, 191



193, 189, 184

Rectangle

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



185, 189, 189



182, 186, 189



191, 187, 191



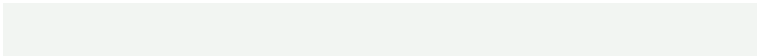
193, 186, 187

Sweetspot

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



185, 189, 189



242, 245, 245



185, 189, 185



121, 122, 122



250, 250, 250



122, 122, 122

Same Dimension

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



185, 189, 189



237, 245, 245



185, 188, 189



91, 94, 94



0, 158, 158



0, 31, 31

Inverse Universe

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



189, 185, 189



245, 237, 245



189, 185, 187



94, 91, 94



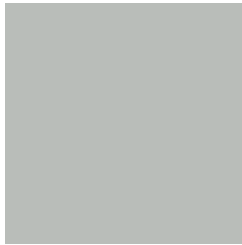
158, 0, 158



31, 0, 31

Previews

White Background



This preview shows how the RYB color 185, 189, 189 looks on a white background.

Color Contrast Check

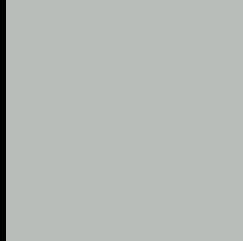
Large Text (above 18pt) WCAG AA × Fail

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 185, 189, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

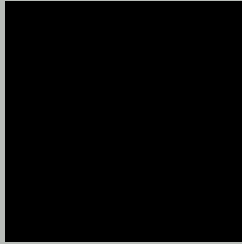
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

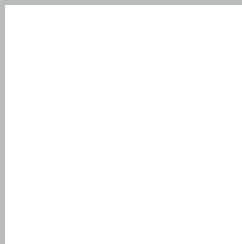
Any Text WCAG AAA ✓ Pass

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

RYB 185, 189, 189 Background



This preview shows how black text looks on a background with the RYB color 185, 189, 189.



This preview shows how white text looks on a background with the RYB color 185, 189, 189.

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
185, 189, 189

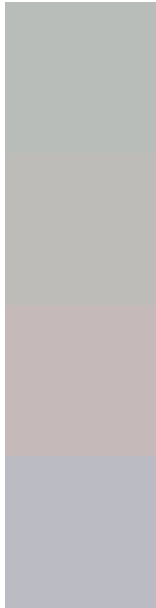
Protanopia
192, 189, 184

Deuteranopia
206, 182, 186



Tritanopia
188, 187, 201

Trichromacy



Original Color

185, 189, 189

Protanomaly

185, 189, 184

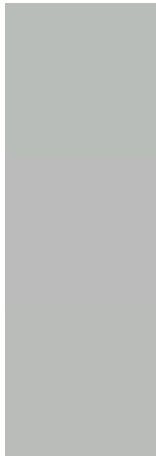
Deuteranomaly

198, 185, 186

Tritanomaly

187, 188, 195

Monochromacy



Original Color

185, 189, 189

Achromatopsia

187, 187, 187

Achromatomaly

186, 188, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 189, 189 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(185, 189, 185)` looks like.

```
.text, #text, p{  
    color:rgb(185, 189, 185)  
}
```

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(185, 189, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 189, 185) }
```

Border

The CSS property to change the border of an element to RYB 185, 189, 189 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(185, 189, 185) }
```

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

```
.border{ border-color:rgb(185, 189, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 189, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 189, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 189, 185);  
box-shadow:4px 4px 4px 4px rgb(185, 189,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 185, 189, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 189, 185) }
```

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

```
.background{ background-color: rgb(185,  
189, 185) }
```

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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