

Converting Colors

`RYB(189, 189, 189)`

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

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Color

R_YB(189, 189, 189)

Conversions

Conversions Part 1

Format	Color
Hex	BDBDBD
RGB	189, 189, 189
RGB Percent	74%, 74%, 74%
CMY	0.2588, 0.2588, 0.2588
CMYK	0.00, 0.00, 0.00, 0.26
HSL	0°, 0%, 74%
HSV	0°, 0%, 74%
XYZ	48.3692, 50.8881, 55.4172
YIQ	189.0000, -0.0000, -0.0000

Conversions

Conversions Part 2

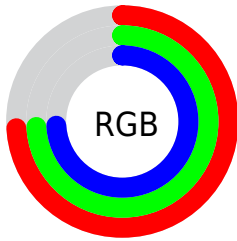
Format	Color
RYB	189, 189, 189
Decimal	12434877
CIELab	76.61, 0.00, -0.01
CIELCh	77, 0.009, 296.813
Yxy	50.8881, 0.3127, 0.3290
Android (android.graphics.Color)	4290624957 (0xFFBDBDBD)
YUV	189.0000, 0.0000, 0.0000
Hunter-Lab	71.3359, -3.8063, 3.8758

Details

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

A 20% lighter version of the original color is **245, 245, 245**, and **136, 136, 136** is the 20% darker color. If you saturate the color by 10%, you get **189, 170, 170**, and if you desaturate by 10%, it is **189, 199, 208**.

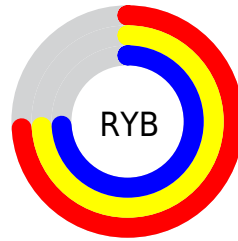
Distribution



Red (74%)

Green (74%)

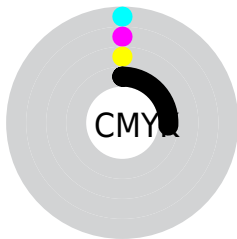
Blue (74%)



Red (74%)

Yellow (74%)

Blue (74%)

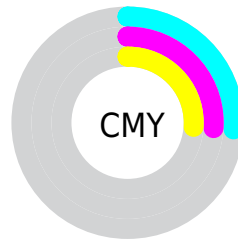


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (26%)



Cyan (26%)

Magenta (26%)

Yellow (26%)

Brightness & Saturation Gradients


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

 189, 189, 189


 189, 189, 189

255, 255, 255

 162, 162, 162


 245, 245, 245


 136, 136, 136

 110, 110, 110

 86, 86, 86

 63, 63, 63

 41, 41, 41

 21, 21, 21


 0, 0, 0

 189, 189, 189

 189, 189, 189

 189, 170, 170

 189, 199, 208

 189, 151, 151

 189, 208, 227

 189, 132, 132

 189, 218, 246

 189, 113, 113

 189, 222, 255

 189, 95, 95

 189, 76, 76

 189, 57, 57

 189, 38, 38

 189, 19, 19

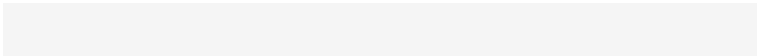
Harmonies

Sweetspot

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



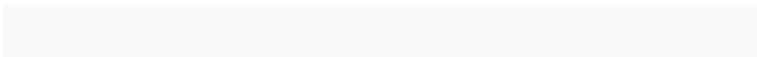
189, 189, 189



245, 245, 245



122, 122, 122



250, 250, 250

Same Dimension

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



189, 189, 189



245, 245, 245



94, 94, 94



158, 0, 0



31, 0, 0

Inverse Universe

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



189, 189, 189



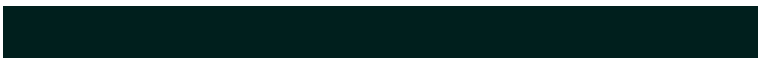
245, 245, 245



94, 94, 94



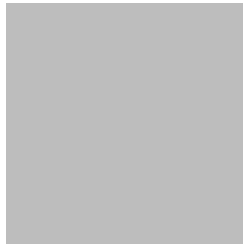
0, 79, 158



0, 16, 31

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

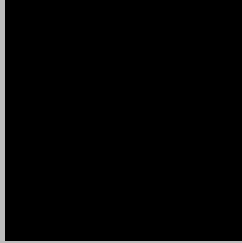
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

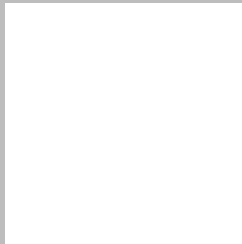
Any Text WCAG AAA ✓ Pass

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

R Y B 189, 189, 189 Background



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

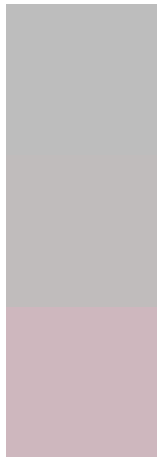


This preview shows how white text looks on a background with the RYB color 189, 189, 189.

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
189, 189, 189

Protanopia
192, 188, 188

Deuteranopia
206, 183, 190



Tritanopia
191, 187, 202

Trichromacy



Original Color

189, 189, 189

Protanomaly

191, 188, 188

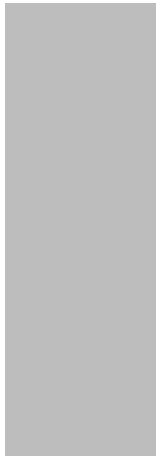
Deuteranomaly

200, 185, 190

Tritanomaly

190, 188, 197

Monochromacy



Original Color

189, 189, 189

Achromatopsia

189, 189, 189

Achromatomaly

189, 189, 189

CSS Examples

Text

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

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

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

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

Border

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

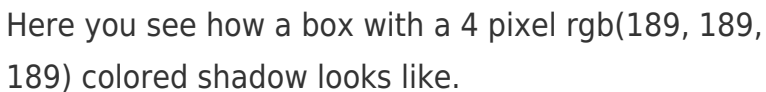
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 189, 189) }
```

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

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

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



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

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

Background

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

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

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

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

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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