

Converting Colors

`RYB(189, 189, 185)`

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

RYB(189, 189, 185)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(189, 189, 185)

Conversions

Conversions Part 1

Format	Color
Hex	BDBBB9
RGB	189, 187, 185
RGB Percent	74%, 73%, 73%
CMY	0.2588, 0.2667, 0.2745
CMYK	0.00, 0.01, 0.02, 0.26
HSL	30°, 3%, 73%
HSV	30°, 2%, 74%
XYZ	47.5135, 49.8622, 53.0191
YIQ	187.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

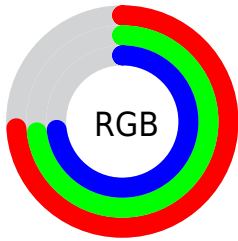
Format	Color
RYB	189, 189, 185
Decimal	12434361
CIELab	75.98, 0.34, 1.25
CIElCh	76, 1.293, 74.895
Yxy	49.8622, 0.3159, 0.3315
Android (android.graphics.Color)	4290624441 (0xFFBDBBB9)
YUV	187.3700, -1.1684, 1.4295
Hunter-Lab	70.6132, -3.4657, 4.9121

Details

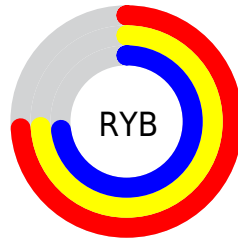
The RYB color **189, 189, 185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **185, 186, 189**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **245, 245, 241**, and **136, 136, 132** is the 20% darker color. If you saturate the color by 10%, you get **187, 189, 166**, and if you desaturate by 10%, it is **189, 194, 204**.

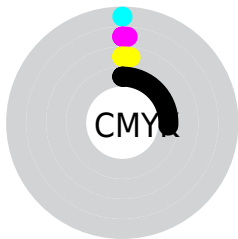
Distribution



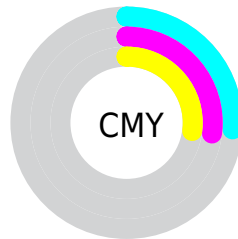
- Red (74%)
- Green (73%)
- Blue (73%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (26%)



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

Brightness & Saturation Gradients

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

 189, 189, 185

255, 255, 255

 245, 245, 241

 189, 189, 185

 162, 162, 158


 136, 136, 132

 109, 110, 107

 86, 85, 83

 63, 62, 60


 40, 41, 38

 21, 21, 17

 0, 0, 0

 189, 189, 185


 189, 189, 185

 187, 189, 166

 189, 194, 204

 189, 189, 147

 189, 200, 223

 187, 189, 128


 189, 206, 242

 189, 189, 109


 189, 212, 255

 189, 189, 91


 189, 216, 255

 189, 187, 72

 189, 219, 255

 189, 189, 53

 189, 221, 255

 189, 187, 34

 189, 222, 255

 189, 189, 15

Harmonies

Analogous

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



190, 187, 186



189, 189, 185



187, 188, 185

Triad

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



189, 189, 185



185, 187, 188



188, 187, 189

Complementary

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



189, 189, 185



185, 186, 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.



187, 187, 190



189, 189, 185



185, 187, 189

Square

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



189, 189, 185



185, 187, 188



186, 187, 190



189, 187, 188

Rectangle

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



189, 189, 185



185, 188, 186



186, 187, 190



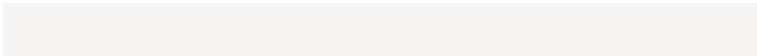
188, 187, 189

Sweetspot

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



189, 189, 185



244, 245, 242



189, 185, 187



121, 122, 121



250, 250, 250



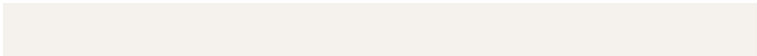
122, 122, 122

Same Dimension

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



189, 189, 185



245, 245, 237



185, 189, 185



94, 93, 91



158, 158, 0



31, 29, 0

Inverse Universe

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



185, 186, 189



237, 240, 245



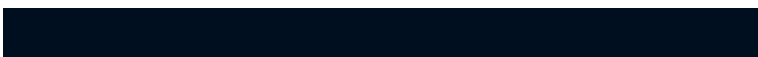
185, 185, 189



91, 92, 94



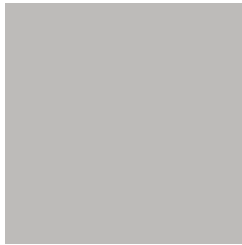
0, 53, 158



0, 10, 31

Previews

White Background



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

Color Contrast Check

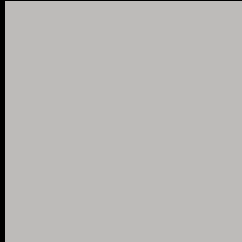
Large Text (above 18pt) WCAG AA × Fail

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, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

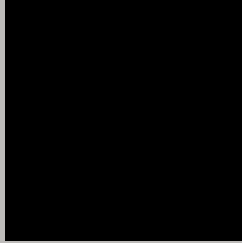
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

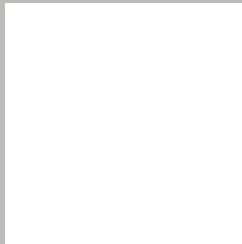
Any Text WCAG AAA ✓ Pass

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

R/Y/B 189, 189, 185 Background



This preview shows how black text looks on a background with the R/Y/B color 189, 189, 185.



This preview shows how white text looks on a background with the R/Y/B color 189, 189, 185.

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, 185

Protanopia
191, 186, 185

Deuteranopia
206, 181, 186



Tritanopia
191, 185, 199

Trichromacy



Original Color

189, 189, 185

Protanomaly

190, 186, 185

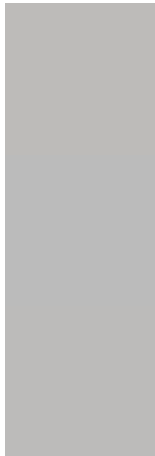
Deuteranomaly

200, 183, 186

Tritanomaly

190, 186, 194

Monochromacy



Original Color

189, 189, 185

Achromatopsia

187, 187, 187

Achromatomaly

188, 188, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 189, 185 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, 187, 185) looks like.

```
.text, #text, p{  
    color:rgb(189, 187, 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(189, 187, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 187, 185) }
```

Border

The CSS property to change the border of an element to RYB 189, 189, 185 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, 187, 185) }
```

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

```
.border{ border-color:rgb(189, 187, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 187, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 187, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 187, 185);  
box-shadow:4px 4px 4px 4px rgb(189, 187,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 189, 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(189, 187, 185) }
```

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

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