

Converting Colors

`RYB(185, 186, 188)`

Have a look what the booklet for
RYB(185, 186, 188) contains.

RYB(185, 186, 188)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

R_YB(185, 186, 188)

Conversions

Conversions Part 1

Format	Color
Hex	B9BBBC
RGB	185, 187, 188
RGB Percent	73%, 73%, 74%
CMY	0.2745, 0.2686, 0.2627
CMYK	0.02, 0.01, 0.00, 0.26
HSL	210°, 2%, 73%
HSV	210°, 2%, 74%
XYZ	46.7491, 49.2740, 54.6238
YIQ	186.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

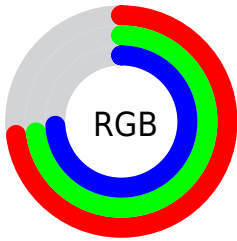
Format	Color
R _Y B	185, 186, 188
Decimal	12172220
CIE Lab	75.62, -0.24, -0.95
CIE LCh	76, 0.978, 255.969
Yxy	49.2740, 0.3103, 0.3271
Android (android.graphics.Color)	4290362300 (0xFFB9BBBC)
YUV	186.5160, 0.7316, -1.3295
Hunter-Lab	70.1954, -3.9637, 2.9992

Details

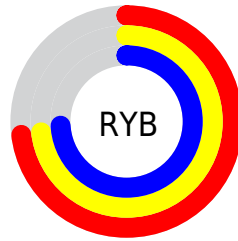
The RYB color **185, 186, 188** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **187, 188, 185**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **241, 242, 244**, and **132, 133, 135** is the 20% darker color. If you saturate the color by 10%, you get **166, 173, 188**, and if you desaturate by 10%, it is **204, 204, 188**.

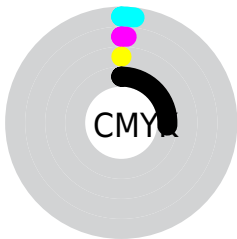
Distribution



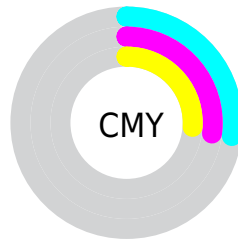
- Red (73%)
- Green (73%)
- Blue (74%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 186, 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 RYB color 185, 186, 188 by changing the saturation by 10% instead.

■ 185, 186, 188

255, 255, 255

■ 241, 242, 244

■ 185, 186, 188

■ 158, 159, 161

■ 132, 133, 135

■ 107, 108, 110

■ 83, 84, 85

■ 60, 61, 62

■ 38, 39, 40

■ 17, 18, 20

■ 0, 0, 0

■ 185, 186, 188

■ 185, 186, 188

■ 166, 173, 188

■ 204, 204, 188

■ 147, 161, 188

■ 223, 221, 188

■ 129, 148, 188

■ 239, 241, 188

■ 110, 136, 188

■ 246, 255, 188

■ 91, 123, 188

■ 219, 255, 188

■ 72, 111, 188

■ 203, 255, 188

■ 53, 98, 188

■ 191, 255, 188

■ 35, 86, 188

■ 188, 255, 188

■ 16, 73, 188

Harmonies

Analogous

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



184, 186, 188



185, 186, 188



186, 186, 188

Triad

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



185, 186, 188



188, 186, 186



185, 187, 186

Complementary

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



185, 186, 188



187, 188, 185

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, 185



185, 186, 188



188, 187, 185

Square

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



185, 186, 188



188, 186, 187



188, 187, 185



185, 186, 187

Rectangle

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



185, 186, 188



187, 186, 188



188, 187, 185



185, 187, 186

Sweetspot

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



185, 186, 188



245, 245, 245



185, 187, 188



122, 122, 122



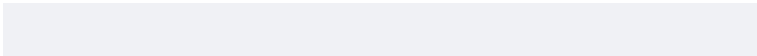
250, 250, 250

Same Dimension

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



185, 186, 188



240, 241, 245



185, 185, 188



92, 93, 94



0, 53, 158



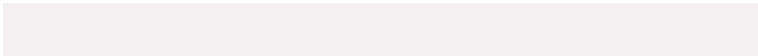
0, 10, 31

Inverse Universe

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



188, 185, 187



245, 240, 242



185, 188, 185



94, 92, 93



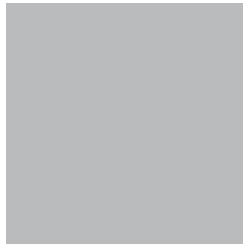
158, 0, 79



31, 0, 15

Previews

White Background



This preview shows how the RYB color 185, 186, 188 looks on a white background.

Color Contrast Check

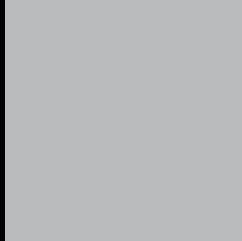
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 185, 186, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

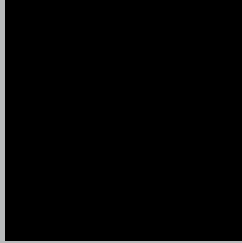
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

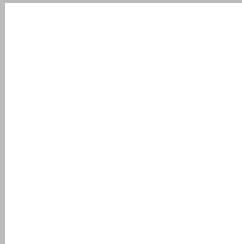
Any Text WCAG AAA ✓ Pass

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

RYB 185, 186, 188 Background



This preview shows how black text looks on a background with the RYB color 185, 186, 188.

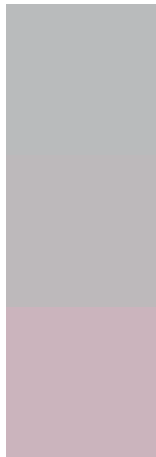


This preview shows how white text looks on a background with the RYB color 185, 186, 188.

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
185, 186, 188

Protanopia
189, 185, 187

Deuteranopia
203, 180, 189



Tritanopia
187, 185, 199

Trichromacy



Original Color

185, 186, 188

Protanomaly

188, 186, 187

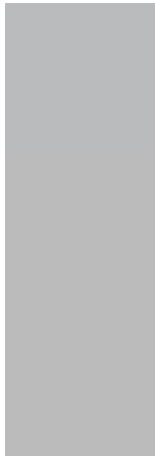
Deuteranomaly

196, 182, 189

Tritanomaly

186, 186, 195

Monochromacy



Original Color

185, 186, 188

Achromatopsia

186, 186, 186

Achromatomaly

186, 186, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 186, 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(185, 187, 188)` looks like.

```
.text, #text, p{  
    color:rgb(185, 187, 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(185, 187, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 187, 188) }
```

Border

The CSS property to change the border of an element to RYB 185, 186, 188 is called "border". The border property can be set on classes, ids or directly on the HTML element.

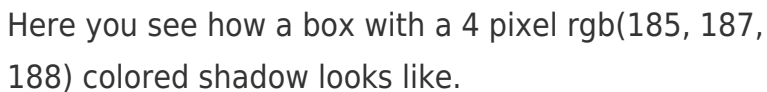
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 187, 188) }
```

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

```
.border{ border-color:rgb(185, 187, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 187, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 187, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 187, 188);  
box-shadow:4px 4px 4px 4px rgb(185, 187,  
188) }
```

Background

The CSS property to change the background color of an element to RYB 185, 186, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 187, 188) }
```

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

```
.background{ background-color: rgb(185,  
187, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor