

Converting Colors

`RYB(181, 183, 185)`

Have a look what the booklet for RYB(181, 183, 185) contains.

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Color

R_YB(181, 183, 185)

Conversions

Conversions Part 1

Format	Color
Hex	B5B9B9
RGB	181, 185, 185
RGB Percent	71%, 73%, 73%
CMY	0.2902, 0.2745, 0.2745
CMYK	0.02, 0.00, 0.00, 0.27
HSL	180°, 3%, 72%
HSV	180°, 2%, 73%
XYZ	45.1620, 48.0245, 52.7883
YIQ	183.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

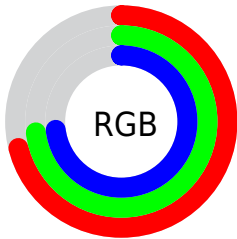
Format	Color
RYB	181, 183, 185
Decimal	11909561
CIELab	74.84, -1.39, -0.50
CIELCh	75, 1.474, 199.639
Yxy	48.0245, 0.3094, 0.3290
Android (android.graphics.Color)	4290099641 (0xFFB5B9B9)
YUV	183.8040, 0.5896, -2.4591
Hunter-Lab	69.2997, -4.9476, 3.3463

Details

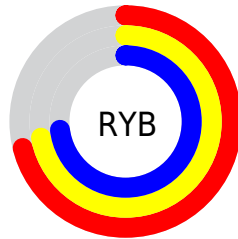
The RYB color **181, 183, 185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **185, 181, 181**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **237, 239, 241**, and **128, 130, 132** is the 20% darker color. If you saturate the color by 10%, you get **163, 174, 185**, and if you desaturate by 10%, it is **200, 185, 185**.

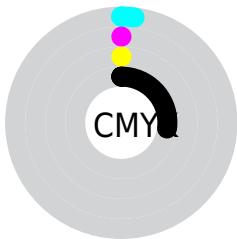
Distribution



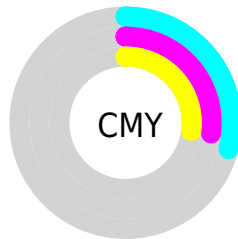
- Red (71%)
- Green (73%)
- Blue (73%)



- Red (71%)
- Yellow (72%)
- Blue (73%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 183, 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 181, 183, 185 by changing the saturation by 10% instead.

■ 181, 183, 185

255, 255, 255

■ 237, 239, 241

■ 181, 183, 185

■ 154, 156, 158

■ 128, 130, 132

■ 103, 105, 107

■ 79, 81, 83

■ 56, 58, 60

■ 35, 37, 38

■ 13, 15, 17

■ 0, 0, 0

■ 181, 183, 185

■ 181, 183, 185

■ 163, 174, 185

■ 200, 185, 185

■ 144, 165, 185

■ 218, 185, 185

■ 126, 156, 185

■ 237, 185, 185

■ 107, 146, 185

■ 255, 185, 185

■ 89, 137, 185

■ 70, 128, 185

■ 52, 119, 185

■ 33, 109, 185

■ 14, 100, 185

Harmonies

Analogous

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



182, 184, 185



181, 183, 185



181, 183, 186

Triad

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



181, 183, 185



186, 184, 186



186, 186, 182

Complementary

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



181, 183, 185



185, 181, 181

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, 185, 182



181, 183, 185



187, 183, 185

Square

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



181, 183, 185



184, 184, 187



187, 183, 183



182, 184, 182

Rectangle

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



181, 183, 185



182, 184, 187



187, 183, 183



186, 186, 182

Sweetspot

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



181, 183, 185



237, 239, 240



181, 185, 185



119, 120, 120



247, 247, 247



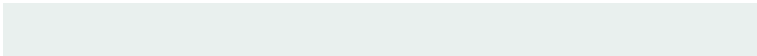
120, 120, 120

Same Dimension

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



181, 183, 185



233, 237, 240



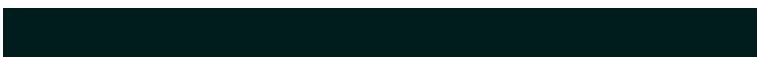
181, 182, 185



88, 90, 92



0, 78, 156



0, 14, 28

Inverse Universe

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



185, 181, 185



240, 233, 240



185, 185, 181



92, 88, 92



156, 0, 156



28, 0, 28

Previews

White Background



This preview shows how the RYB color 181, 183, 185 looks on a white background.

Color Contrast Check

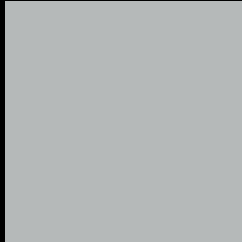
Large Text (above 18pt) WCAG AA × Fail

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 181, 183, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

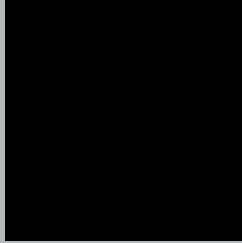
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

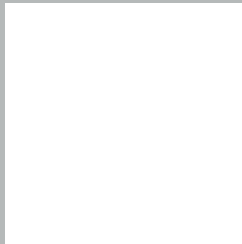
Any Text WCAG AAA ✓ Pass

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

RYB 181, 183, 185 Background



This preview shows how black text looks on a background with the RYB color 181, 183, 185.

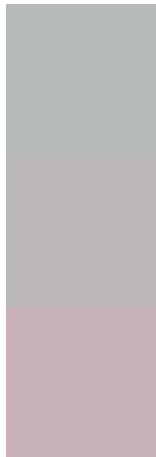


This preview shows how white text looks on a background with the RYB color 181, 183, 185.

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
181, 183, 185

Protanopia
187, 183, 184

Deuteranopia
201, 178, 186



Tritanopia
183, 183, 198

Trichromacy



Original Color

181, 183, 185

Protanomaly

185, 184, 184

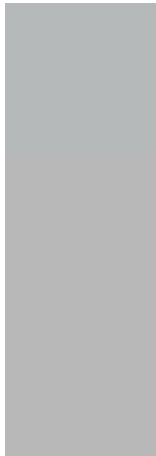
Deuteranomaly

194, 181, 186

Tritanomaly

182, 184, 193

Monochromacy



Original Color

181, 183, 185

Achromatopsia

184, 184, 184

Achromatomaly

183, 184, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 183, 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(181, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(181, 185, 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(181, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 185, 185) }
```

Border

The CSS property to change the border of an element to RYB 181, 183, 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(181, 185, 185) }
```

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

```
.border{ border-color:rgb(181, 185, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 185, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 185, 185);  
box-shadow:4px 4px 4px 4px rgb(181, 185,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 181, 183, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 185, 185) }
```

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

```
.background{ background-color: rgb(181,  
185, 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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