

Converting Colors

`RYB(191, 187, 190)`

Have a look what the booklet for
RYB(191, 187, 190) contains.

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Color

R_YB(191, 187, 190)

Conversions

Conversions Part 1

Format	Color
Hex	BFBBBE
RGB	191, 187, 190
RGB Percent	75%, 73%, 75%
CMY	0.2510, 0.2667, 0.2549
CMYK	0.00, 0.02, 0.01, 0.25
HSL	315°, 3%, 74%
HSV	315°, 2%, 75%
XYZ	48.5504, 50.3347, 55.8719
YIQ	188.5380, 1.4210, 1.7810

Conversions

Conversions Part 2

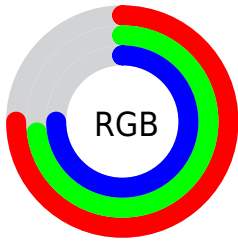
Format	Color
RYB	191, 187, 190
Decimal	12565438
CIELab	76.27, 1.95, -1.02
CIELCh	76, 2.207, 332.332
Yxy	50.3347, 0.3137, 0.3252
Android (android.graphics.Color)	4290755518 (0xFFBFBBBE)
YUV	188.5380, 0.7208, 2.1592
Hunter-Lab	70.9470, -2.0060, 2.9710

Details

The RYB color **191, 187, 190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **187, 190, 191**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **247, 243, 246**, and **138, 134, 137** is the 20% darker color. If you saturate the color by 10%, you get **191, 168, 185**, and if you desaturate by 10%, it is **191, 203, 206**.

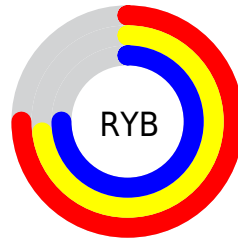
Distribution



Red (75%)

Green (73%)

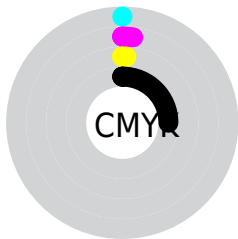
Blue (75%)



Red (75%)

Yellow (73%)

Blue (75%)

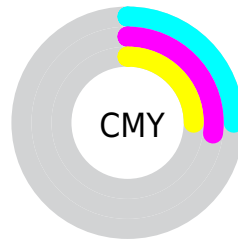


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 187, 190 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 191, 187, 190 by changing the saturation by 10% instead.

■ 191, 187, 190

255, 255, 255

■ 247, 243, 246

■ 191, 187, 190

■ 164, 160, 163

■ 138, 134, 137

■ 112, 109, 111

■ 88, 84, 87

■ 65, 61, 64


■ 43, 39, 42

■ 22, 19, 21


■ 0, 0, 0

■ 191, 187, 190


■ 191, 187, 190


 191, 168, 185


 191, 203, 206

 191, 149, 180


 191, 218, 225


 191, 130, 176


 191, 234, 244


 191, 111, 171


 191, 241, 255


 191, 92, 166


 191, 238, 255


 191, 72, 161


 191, 236, 255

 191, 53, 157

 191, 234, 255

 191, 34, 152

 191, 232, 255

 191, 15, 147

 191, 230, 255

Harmonies

Analogous

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



189, 188, 192



191, 187, 190



192, 187, 188

Triad

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



191, 187, 190



187, 190, 184



183, 186, 190

Complementary

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



191, 187, 190



187, 190, 191

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.



184, 187, 189



191, 187, 190



185, 189, 187

Square

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



191, 187, 190



192, 188, 185



185, 188, 189



184, 187, 192

Rectangle

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



191, 187, 190



193, 187, 187



185, 188, 189



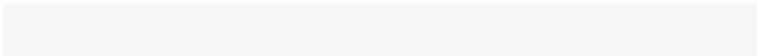
183, 186, 190

Sweetspot

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



191, 187, 190



247, 245, 247



188, 187, 191



125, 124, 125



252, 252, 252



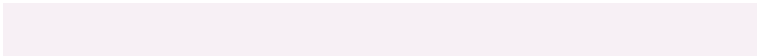
125, 125, 125

Same Dimension

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



191, 187, 190



247, 240, 245



191, 187, 188



94, 91, 93



158, 0, 119



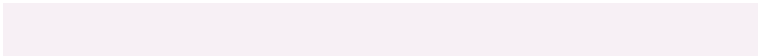
31, 0, 23

Inverse Universe

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



191, 187, 190



247, 240, 245



187, 189, 191



94, 91, 93



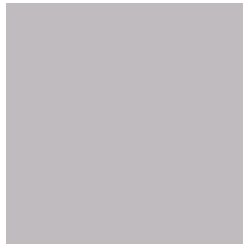
158, 0, 119



31, 0, 23

Previews

White Background



This preview shows how the RYB color 191, 187, 190 looks on a white background.

Color Contrast Check

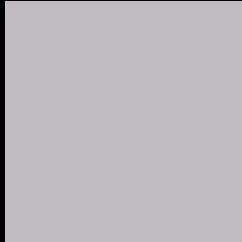
Large Text (above 18pt) WCAG AA × Fail

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 191, 187, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

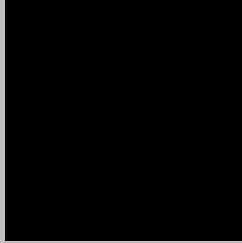
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

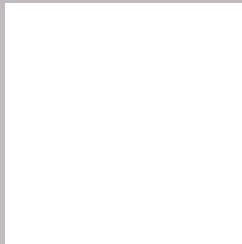
Any Text WCAG AAA ✓ Pass

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

R Y B 191, 187, 190 Background



This preview shows how black text looks on a background with the RYB color 191, 187, 190.

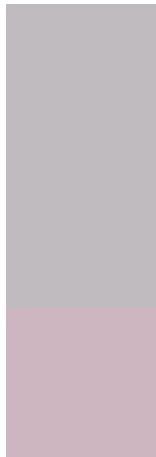


This preview shows how white text looks on a background with the RYB color 191, 187, 190.

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
191, 187, 190

Protanopia
191, 187, 190

Deuteranopia
205, 182, 191



Tritanopia
193, 185, 200

Trichromacy



Original Color

191, 187, 190

Protanomaly

191, 187, 190

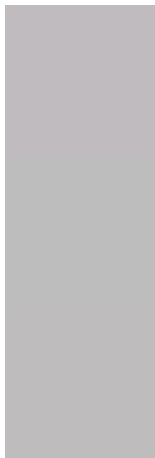
Deuteranomaly

200, 184, 191

Tritanomaly

192, 186, 196

Monochromacy



Original Color

191, 187, 190

Achromatopsia

189, 189, 189

Achromatomaly

190, 188, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 187, 190 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(191, 187, 190)` looks like.

```
.text, #text, p{  
    color:rgb(191, 187, 190)  
}
```

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(191, 187, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 187, 190) }
```

Border

The CSS property to change the border of an element to RYB 191, 187, 190 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(191, 187, 190) }
```

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

```
.border{ border-color:rgb(191, 187, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 187, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 187, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 187, 190);  
box-shadow:4px 4px 4px 4px rgb(191, 187,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 191, 187, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 187, 190) }
```

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

```
.background{ background-color: rgb(191,  
187, 190) }
```

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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