

Converting Colors

`RYB(187, 191, 187)`

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

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Color

R_YB(187, 191, 187)

Conversions

Conversions Part 1

Format	Color
Hex	BFBFBF
RGB	191, 191, 187
RGB Percent	75%, 75%, 73%
CMY	0.2510, 0.2510, 0.2667
CMYK	0.00, 0.00, 0.02, 0.25
HSL	60°, 3%, 74%
HSV	60°, 2%, 75%
XYZ	49.0863, 51.9258, 54.4493
YIQ	190.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

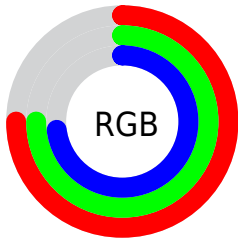
Format	Color
RYB	187, 191, 187
Decimal	12566459
CIELab	77.24, -0.73, 2.00
CIELCh	77, 2.133, 109.951
Yxy	51.9258, 0.3157, 0.3340
Android (android.graphics.Color)	4290756539 (0xFFBFBFB8)
YUV	190.5440, -1.7472, 0.3999
Hunter-Lab	72.0596, -4.5118, 5.6413

Details

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

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

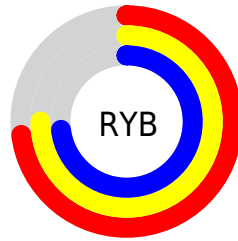
Distribution



Red (75%)

Green (75%)

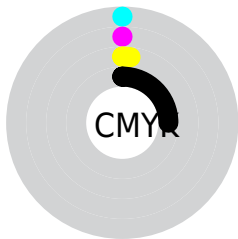
Blue (73%)



Red (73%)

Yellow (75%)

Blue (73%)

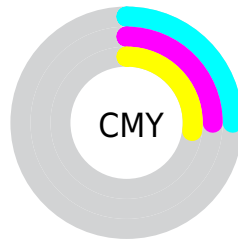


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (25%)



Cyan (25%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients

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

■ 187, 191, 187

255, 255, 255

■ 243, 247, 243

■ 187, 191, 187

■ 160, 164, 160

■ 134, 138, 134

■ 109, 112, 109

■ 84, 88, 84

■ 61, 65, 61

■ 40, 43, 40

■ 19, 22, 19

■ 0, 0, 0

■ 187, 191, 187

■ 187, 191, 187

■ 168, 191, 168

■ 191, 191, 206

■ 149, 191, 149

■ 191, 191, 225

■ 130, 191, 130

■ 191, 191, 244

■ 111, 191, 111

■ 191, 191, 255

■ 92, 191, 92

■ 72, 191, 72

■ 53, 191, 53

■ 34, 191, 34

■ 15, 191, 15

Harmonies

Analogous

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



193, 193, 187



187, 191, 187



188, 192, 191

Triad

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



187, 191, 187



187, 190, 194



194, 190, 191

Complementary

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



187, 191, 187



187, 187, 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.



193, 190, 193



187, 191, 187



188, 190, 195

Square

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



187, 191, 187



186, 189, 192



190, 190, 194



195, 189, 189

Rectangle

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



187, 191, 187



187, 191, 192



190, 190, 194



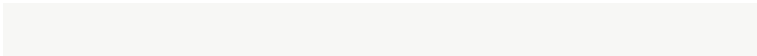
194, 190, 192

Sweetspot

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



187, 191, 187



245, 247, 245



191, 187, 187



124, 125, 124



252, 252, 252



125, 125, 125

Same Dimension

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



187, 191, 187



240, 247, 240



187, 191, 189



91, 94, 91



0, 158, 0



0, 31, 0

Inverse Universe

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



187, 187, 191



240, 240, 247



189, 187, 191



91, 91, 94



0, 0, 158



0, 0, 31

Previews

White Background



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

Color Contrast Check

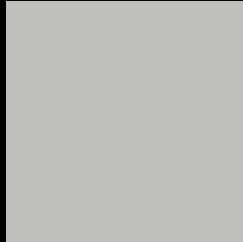
Large Text (above 18pt) WCAG AA × Fail

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 187, 191, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

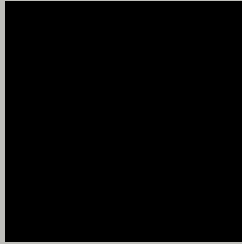
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

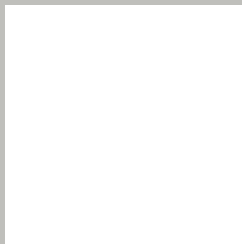
Any Text WCAG AAA ✓ Pass

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

RYB 187, 191, 187 Background



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



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

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
187, 191, 187

Protanopia
195, 193, 186

Deuteranopia
210, 184, 188



Tritanopia
193, 188, 203

Trichromacy



Original Color

187, 191, 187

Protanomaly

194, 194, 186

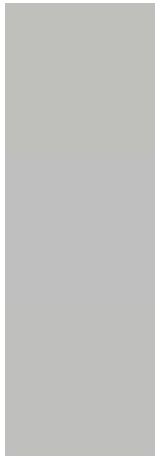
Deuteranomaly

203, 187, 188

Tritanomaly

192, 189, 197

Monochromacy



Original Color

187, 191, 187

Achromatopsia

191, 191, 191

Achromatomaly

190, 191, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 191, 187 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, 191, 187) looks like.

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

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, 191, 187) colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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