

Converting Colors

`RYB(188, 191, 181)`

Have a look what the booklet for
RYB(188, 191, 181) contains.

RYB(188, 191, 181)	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(188, 191, 181)

Conversions

Conversions Part 1

Format	Color
Hex	BFBBB5
RGB	191, 187, 181
RGB Percent	75%, 73%, 71%
CMY	0.2510, 0.2671, 0.2902
CMYK	0.00, 0.02, 0.05, 0.25
HSL	35°, 7%, 73%
HSV	35°, 5%, 75%
XYZ	47.5717, 49.9033, 50.8411
YIQ	187.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

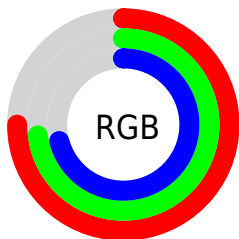
Format	Color
RYB	188, 191, 181
Decimal	12565429
CIELab	76.01, 0.39, 3.48
CIELCh	76, 3.499, 83.598
Yxy	49.9033, 0.3207, 0.3365
Android (android.graphics.Color)	4290755509 (0xFFBFBBB5)
YUV	187.5120, -3.2104, 3.0590
Hunter-Lab	70.6423, -3.4190, 6.7787

Details

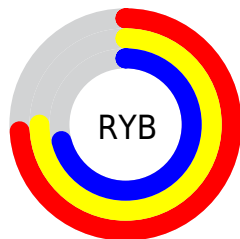
The RYB color **188, 191, 181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **181, 184, 191**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **244, 247, 237**, and **135, 138, 128** is the 20% darker color. If you saturate the color by 10%, you get **182, 191, 162**, and if you desaturate by 10%, it is **191, 194, 200**.

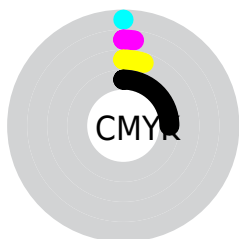
Distribution



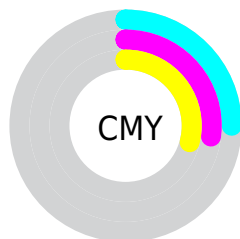
- Red (75%)
- Green (73%)
- Blue (71%)



- Red (74%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (25%)



- Cyan (25%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 191, 181 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 188, 191, 181 by changing the saturation by 10% instead.

■ 188, 191, 181

255, 255, 255

■ 244, 247, 237

■ 188, 191, 181

■ 161, 164, 154

■ 135, 138, 128

■ 108, 112, 103

■ 86, 88, 79

■ 61, 64, 56

■ 40, 42, 35


■ 18, 22, 13


■ 0, 0, 0


■ 188, 191, 181


■ 188, 191, 181

 182, 191, 162


 191, 194, 200

 177, 191, 143

 191, 199, 219

 172, 191, 124

 191, 205, 238

 167, 191, 105


 191, 210, 255

 159, 191, 86

 191, 214, 255

 152, 191, 66

 191, 217, 255

 147, 191, 47

 191, 219, 255

 142, 191, 28

 191, 222, 255

 137, 191, 9

 191, 223, 255

Harmonies

Analogous

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



194, 188, 182



188, 191, 181



181, 188, 182

Triad

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



188, 191, 181



180, 185, 190



191, 186, 191

Complementary

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



188, 191, 181



181, 184, 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.



187, 187, 193



188, 191, 181



181, 186, 192

Square

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



188, 191, 181



181, 186, 189



183, 186, 194



194, 185, 188

Rectangle

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



188, 191, 181



183, 189, 187



183, 186, 194



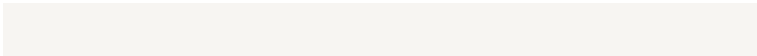
190, 186, 192

Sweetspot

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



188, 191, 181



245, 247, 242



191, 181, 185



124, 125, 122



252, 252, 252



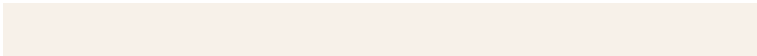
125, 125, 125

Same Dimension

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



188, 191, 181



244, 247, 233



181, 191, 182



91, 94, 88



110, 158, 0



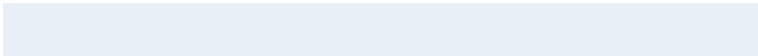
22, 31, 0

Inverse Universe

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



181, 184, 191



233, 237, 247



182, 181, 191



88, 90, 94



0, 46, 158



0, 9, 31

Previews

White Background



This preview shows how the RYB color 188, 191, 181 looks on a white background.

Color Contrast Check

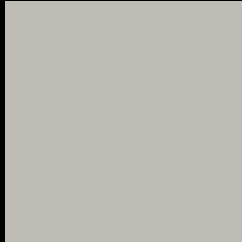
Large Text (above 18pt) WCAG AA × Fail

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 188, 191, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

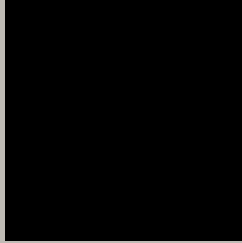
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

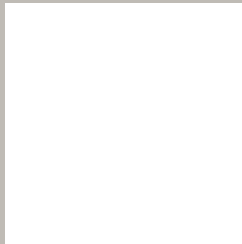
Any Text WCAG AAA ✓ Pass

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

R Y B 188, 191, 181 Background



This preview shows how black text looks on a background with the RYB color 188, 191, 181.



This preview shows how white text looks on a background with the RYB color 188, 191, 181.

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
188, 191, 181

Protanopia
190, 192, 181

Deuteranopia
207, 181, 182



Tritanopia
194, 184, 199

Trichromacy



Original Color

188, 191, 181

Protanomaly

190, 192, 181

Deuteranomaly

201, 183, 182

Tritanomaly

193, 185, 192

Monochromacy



Original Color

188, 191, 181

Achromatopsia

187, 187, 187

Achromatomaly

187, 188, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 191, 181 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, 181) looks like.

```
.text, #text, p{  
    color:rgb(191, 187, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 187, 181) }
```

Border

The CSS property to change the border of an element to RYB 188, 191, 181 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, 181) }
```

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

```
.border{ border-color:rgb(191, 187, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 187, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 187, 181);  
box-shadow:4px 4px 4px 4px rgb(191, 187,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 188, 191, 181 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, 181) }
```

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

```
.background{ background-color: rgb(191,  
187, 181) }
```

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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