

Converting Colors

`RYB(195, 181, 183)`

Have a look what the booklet for
RYB(195, 181, 183) contains.

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Color

R_YB(195, 181, 183)

Conversions

Conversions Part 1

Format	Color
Hex	C3B5B7
RGB	195, 181, 183
RGB Percent	76%, 71%, 72%
CMY	0.2353, 0.2902, 0.2824
CMYK	0.00, 0.07, 0.06, 0.24
HSL	351°, 10%, 74%
HSV	351°, 7%, 76%
XYZ	47.5768, 48.0687, 51.5704
YIQ	185.4140, 7.7020, 3.5900

Conversions

Conversions Part 2

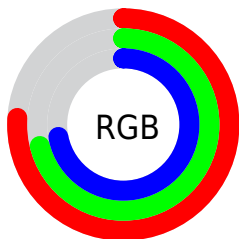
Format	Color
RYB	195, 181, 183
Decimal	12826039
CIELab	74.87, 5.32, 0.77
CIELCh	75, 5.380, 8.232
Yxy	48.0687, 0.3232, 0.3265
Android (android.graphics.Color)	4291016119 (0xFFC3B5B7)
YUV	185.4140, -1.1901, 8.4069
Hunter-Lab	69.3316, 1.1600, 4.4309

Details

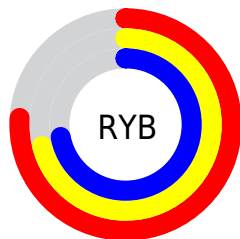
The RYB color **195, 181, 183** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **181, 189, 195**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **252, 237, 239**, and **141, 128, 130** is the 20% darker color. If you saturate the color by 10%, you get **195, 162, 166**, and if you desaturate by 10%, it is **195, 198, 201**.

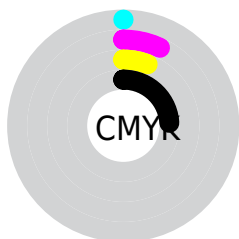
Distribution



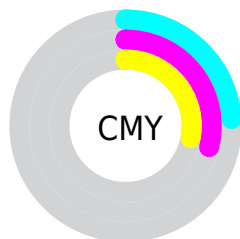
- Red (76%)
- Green (71%)
- Blue (72%)



- Red (76%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (24%)



- Cyan (24%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 181, 183 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 195, 181, 183 by changing the saturation by 10% instead.


 195, 181, 183

255, 255, 255


 252, 237, 239

 195, 181, 183

 168, 154, 156

 141, 128, 130

 116, 103, 105

 91, 79, 81

 68, 56, 58

 45, 35, 36

 25, 13, 15

 0, 0, 0

 195, 181, 183

 195, 181, 183

 195, 162, 166

 195, 198, 201

 195, 142, 150

 195, 209, 220

 195, 123, 133

 195, 219, 240

 195, 103, 116

 195, 226, 255

 195, 84, 99

 195, 225, 255

 195, 64, 83

 195, 45, 66

 195, 25, 49

 195, 6, 33

Harmonies

Analogous

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



192, 181, 188



195, 181, 183



195, 182, 178

Triad

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



195, 181, 183



176, 186, 181



176, 182, 193

Complementary

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



195, 181, 183



181, 189, 195

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.



173, 181, 190



195, 181, 183



176, 184, 187

Square

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



195, 181, 183



178, 187, 174



173, 181, 187



181, 183, 194

Rectangle

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



195, 181, 183



193, 185, 176



173, 181, 187



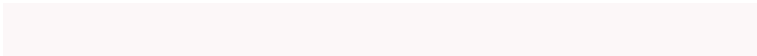
174, 181, 192

Sweetspot

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



195, 181, 183



252, 247, 248



193, 181, 195



128, 125, 125



0, 0, 0



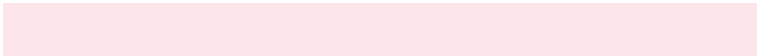
128, 128, 128

Same Dimension

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



195, 181, 183



252, 230, 233



195, 189, 181



97, 87, 89



161, 0, 23



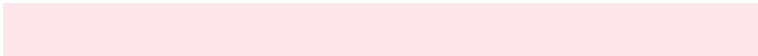
33, 0, 5

Inverse Universe

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



195, 181, 183



252, 230, 233



181, 186, 195



97, 87, 89



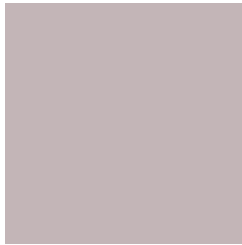
161, 0, 23



33, 0, 5

Previews

White Background



This preview shows how the RYB color 195, 181, 183 looks on a white background.

Color Contrast Check

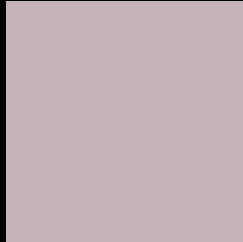
Large Text (above 18pt) WCAG AA × Fail

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 195, 181, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

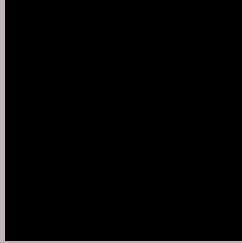
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

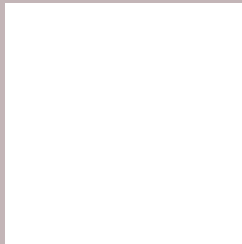
Any Text WCAG AAA ✓ Pass

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

RYB 195, 181, 183 Background



This preview shows how black text looks on a background with the RYB color 195, 181, 183.



This preview shows how white text looks on a background with the RYB color 195, 181, 183.

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

195, 181, 183

Protanopia

187, 183, 184

Deuteranopia

202, 178, 184



Tritanopia
196, 179, 193

Trichromacy



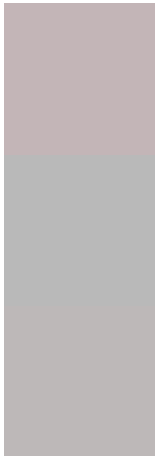
Original Color
195, 181, 183

Protanomaly
190, 182, 184

Deuteranomaly
199, 179, 184

Tritanomaly
196, 180, 189

Monochromacy



Original Color
195, 181, 183

Achromatopsia
185, 185, 185

Achromatomaly
189, 184, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 181, 183 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(195, 181, 183) looks like.

```
.text, #text, p{  
    color:rgb(195, 181, 183)  
}
```

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(195, 181, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 181, 183) }
```

Border

The CSS property to change the border of an element to RYB 195, 181, 183 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(195, 181, 183) }
```

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

```
.border{ border-color:rgb(195, 181, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 181, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 181, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 181, 183);  
box-shadow:4px 4px 4px 4px rgb(195, 181,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 195, 181, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 181, 183) }
```

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

```
.background{ background-color: rgb(195,  
181, 183) }
```

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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