

Converting Colors

`RYB(183, 190, 196)`

Have a look what the booklet for RYB(183, 190, 196) contains.

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Color

R_YB(183, 190, 196)

Conversions

Conversions Part 1

Format	Color
Hex	B7C4C2
RGB	183, 196, 194
RGB Percent	72%, 77%, 76%
CMY	0.2824, 0.2314, 0.2387
CMYK	0.07, 0.00, 0.01, 0.23
HSL	171°, 10%, 74%
HSV	171°, 7%, 77%
XYZ	49.0220, 53.4486, 58.8560
YIQ	191.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

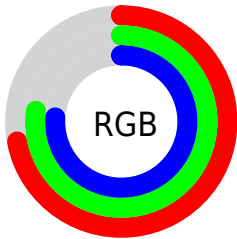
Format	Color
RYB	183, 190, 196
Decimal	12043458
CIELab	78.14, -4.79, -0.61
CIELCh	78, 4.832, 187.262
Yxy	53.4486, 0.3039, 0.3313
Android (android.graphics.Color)	4290233538 (0xFFB7C4C2)
YUV	191.8850, 1.0427, -7.7921
Hunter-Lab	73.1085, -8.2490, 3.4446

Details

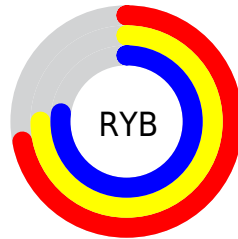
The RYB color **183, 190, 196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196, 183, 185**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **239, 247, 253**, and **130, 137, 142** is the 20% darker color. If you saturate the color by 10%, you get **163, 181, 196**, and if you desaturate by 10%, it is **203, 196, 197**.

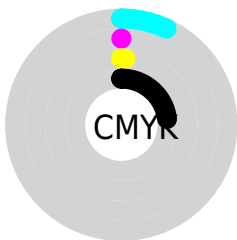
Distribution



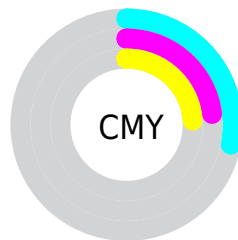
- Red (72%)
- Green (77%)
- Blue (76%)



- Red (72%)
- Yellow (75%)
- Blue (77%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)



- Cyan (28%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 190, 196 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 183, 190, 196 by changing the saturation by 10% instead.

■ 183, 190, 196

255, 255, 255

■ 239, 247, 253

■ 183, 190, 196

■ 156, 163, 169

■ 130, 136, 142

■ 105, 112, 117

■ 81, 87, 92

■ 58, 64, 69

■ 36, 41, 46

■ 16, 22, 26

■ 0, 0, 0

■ 183, 190, 196

■ 183, 190, 196

■ 163, 181, 196

■ 203, 196, 197

■ 144, 172, 196

■ 222, 196, 200

■ 124, 163, 196

■ 242, 196, 203

■ 105, 154, 196

■ 255, 196, 205

■ 85, 145, 196

■ 255, 196, 208

■ 65, 136, 196

■ 255, 196, 211

■ 46, 127, 196

■ 255, 196, 214

■ 26, 117, 196

■ 255, 196, 217

■ 7, 109, 196

■ 255, 196, 219

Harmonies

Analogous

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



186, 193, 196



183, 190, 196



183, 190, 198

Triad

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



183, 190, 196



196, 192, 200



200, 198, 185

Complementary

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



183, 190, 196



196, 183, 185

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.



203, 192, 188



183, 190, 196



200, 191, 197

Square

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



183, 190, 196



190, 192, 202



203, 190, 192



188, 196, 184

Rectangle

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



183, 190, 196



184, 191, 201



203, 190, 192



202, 193, 186

Sweetspot

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



183, 190, 196



250, 253, 255



183, 196, 194



125, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



183, 190, 196



235, 246, 255



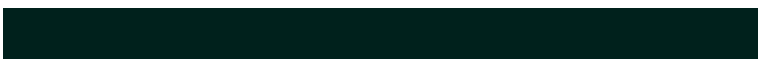
183, 188, 196



87, 92, 97



0, 87, 161



0, 18, 33

Inverse Universe

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



196, 183, 185



255, 235, 238



196, 191, 183



97, 87, 89



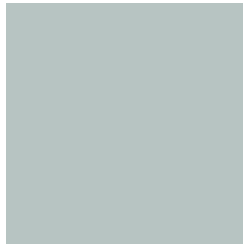
161, 0, 23



33, 0, 5

Previews

White Background



This preview shows how the RYB color 183, 190, 196 looks on a white background.

Color Contrast Check

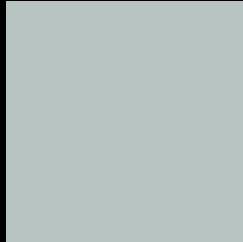
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 183, 190, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

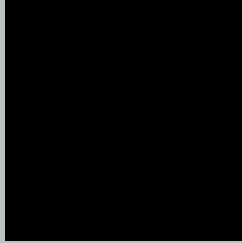
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

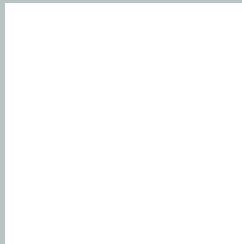
Any Text WCAG AAA ✓ Pass

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

R Y B 183, 190, 196 Background



This preview shows how black text looks on a background with the RYB color 183, 190, 196.



This preview shows how white text looks on a background with the RYB color 183, 190, 196.

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](#).

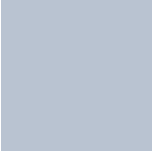
Dichromacy



Original Color
183, 190, 196

Protanopia
197, 192, 192

Deuteranopia
210, 187, 196



Tritanopia
185, 192, 209

Trichromacy



Original Color

183, 190, 196

Protanomaly

192, 193, 193

Deuteranomaly

200, 190, 195

Tritanomaly

184, 191, 204

Monochromacy



Original Color

183, 190, 196

Achromatopsia

192, 192, 192

Achromatomaly

189, 191, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 183, 190, 196 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(183, 196, 194) looks like.

```
.text, #text, p{  
    color:rgb(183, 196, 194)  
}
```

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(183, 196, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 196, 194) }
```

Border

The CSS property to change the border of an element to RYB 183, 190, 196 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(183, 196, 194) }
```

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

```
.border{ border-color:rgb(183, 196, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 196, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 196, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 196, 194);  
box-shadow:4px 4px 4px 4px rgb(183, 196,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 183, 190, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 196, 194) }
```

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

```
.background{ background-color: rgb(183,  
196, 194) }
```

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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