

Converting Colors

`RYB(190, 196, 210)`

Have a look what the booklet for
RYB(190, 196, 210) contains.

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Color

R_YB(190, 196, 210)

Conversions

Conversions Part 1

Format	Color
Hex	BEC7D2
RGB	190, 199, 210
RGB Percent	75%, 78%, 82%
CMY	0.2549, 0.2213, 0.1765
CMYK	0.10, 0.05, 0.00, 0.18
HSL	214°, 18%, 78%
HSV	214°, 10%, 82%
XYZ	53.1930, 56.2502, 69.0266
YIQ	197.5630, -8.8950, 1.5130

Conversions

Conversions Part 2

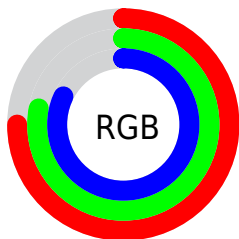
Format	Color
RYB	190, 196, 210
Decimal	12502994
CIELab	79.76, -0.70, -6.71
CIELCh	80, 6.750, 264.057
Yxy	56.2502, 0.2981, 0.3152
Android (android.graphics.Color)	4290693074 (0xFFBEC7D2)
YUV	197.5630, 6.1314, -6.6328
Hunter-Lab	75.0001, -4.6511, -2.0676

Details

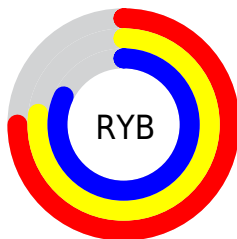
The RYB color **190, 196, 210** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **206, 210, 190**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **246, 251, 255**, and **137, 143, 156** is the 20% darker color. If you saturate the color by 10%, you get **169, 182, 210**, and if you desaturate by 10%, it is **210, 211, 210**.

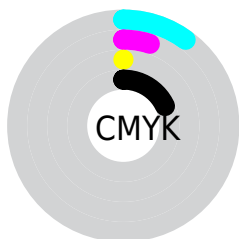
Distribution



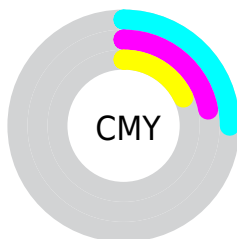
- Red (75%)
- Green (78%)
- Blue (82%)



- Red (75%)
- Yellow (77%)
- Blue (82%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



- Cyan (25%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 196, 210 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 190, 196, 210 by changing the saturation by 10% instead.

■ 190, 196, 210

255, 255, 255

■ 246, 251, 255

■ 190, 196, 210

■ 163, 169, 182

■ 137, 143, 156

■ 111, 117, 130

■ 87, 92, 104

■ 63, 68, 80

■ 41, 46, 57

■ 20, 25, 36

■ 0, 1, 15

■ 0, 0, 0

■ 190, 196, 210

■ 190, 196, 210

■ 169, 182, 210

■ 210, 211, 210

■ 148, 167, 210

■ 225, 232, 210

■ 127, 152, 210

■ 241, 253, 210

■ 106, 137, 210

■ 220, 255, 210

■ 85, 123, 210

■ 210, 255, 210

■ 64, 108, 210

■ 43, 93, 210

■ 22, 79, 210

■ 1, 64, 210

Harmonies

Analogous

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



184, 194, 208



190, 196, 210



198, 196, 209

Triad

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



190, 196, 210



212, 194, 193



190, 201, 201

Complementary

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



190, 196, 210



206, 210, 190

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.



186, 199, 188



190, 196, 210



210, 198, 188

Square

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



190, 196, 210



210, 194, 199



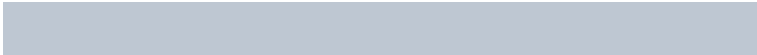
196, 204, 185



185, 194, 201

Rectangle

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



190, 196, 210



203, 195, 207



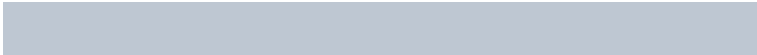
196, 204, 185



189, 200, 196

Sweetspot

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



190, 196, 210



247, 250, 255



190, 203, 210



122, 124, 128



0, 0, 0



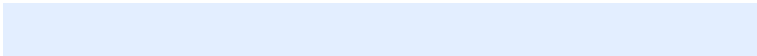
128, 128, 128

Same Dimension

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



190, 196, 210



227, 235, 255



191, 190, 210



94, 97, 105



0, 50, 168



0, 12, 41

Inverse Universe

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



210, 190, 199



255, 227, 239



190, 210, 191



105, 94, 99



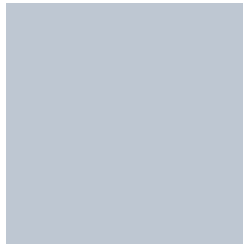
168, 0, 72



41, 0, 17

Previews

White Background



This preview shows how the RYB color 190, 196, 210 looks on a white background.

Color Contrast Check

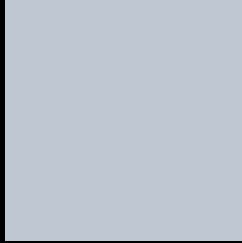
Large Text (above 18pt) WCAG AA × Fail

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 190, 196, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

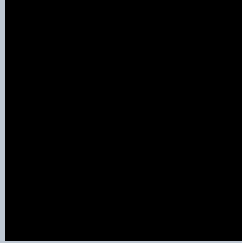
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

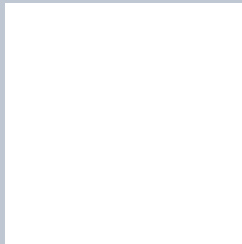
Any Text WCAG AAA ✓ Pass

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

R/Y/B 190, 196, 210 Background



This preview shows how black text looks on a background with the R/Y/B color 190, 196, 210.

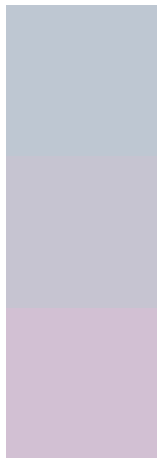


This preview shows how white text looks on a background with the R/Y/B color 190, 196, 210.

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](#).

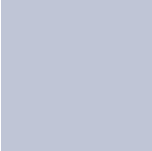
Dichromacy



Original Color
190, 196, 210

Protanopia
198, 196, 209

Deuteranopia
210, 192, 211



Tritanopia
191, 196, 214

Trichromacy



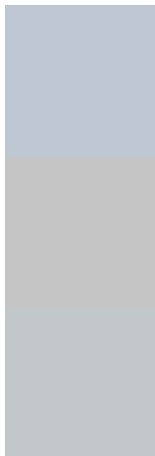
Original Color
190, 196, 210

Protanomaly
195, 197, 209

Deuteranomaly
203, 194, 211

Tritanomaly
191, 196, 213

Monochromacy



Original Color
190, 196, 210

Achromatopsia
197, 197, 197

Achromatomaly
194, 197, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 196, 210 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(190, 199, 210)` looks like.

```
.text, #text, p{  
    color:rgb(190, 199, 210)  
}
```

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(190, 199, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 199, 210) }
```

Border

The CSS property to change the border of an element to RYB 190, 196, 210 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(190, 199, 210) }
```

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

```
.border{ border-color:rgb(190, 199, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 199, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 199, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 199, 210);  
box-shadow:4px 4px 4px 4px rgb(190, 199,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 190, 196, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 199, 210) }
```

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

```
.background{ background-color: rgb(190,  
199, 210) }
```

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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