

Converting Colors

`RYB(193, 193, 211)`

Have a look what the booklet for
RYB(193, 193, 211) contains.

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Color

R_YB(193, 193, 211)

Conversions

Conversions Part 1

Format	Color
Hex	C1C1D3
RGB	193, 193, 211
RGB Percent	76%, 76%, 83%
CMY	0.2431, 0.2431, 0.1725
CMYK	0.09, 0.09, 0.00, 0.17
HSL	240°, 17%, 79%
HSV	240°, 9%, 83%
XYZ	52.8202, 54.1805, 69.3020
YIQ	195.0520, -5.7780, 5.5980

Conversions

Conversions Part 2

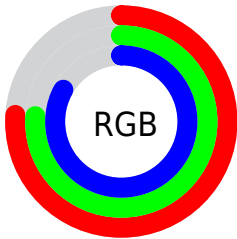
Format	Color
RYB	193, 193, 211
Decimal	12698067
CIELab	78.57, 3.46, -8.99
CIELCh	79, 9.635, 291.055
Yxy	54.1805, 0.2996, 0.3073
Android (android.graphics.Color)	4290888147 (0xFFC1C1D3)
YUV	195.0520, 7.8624, -1.7996
Hunter-Lab	73.6074, -0.7227, -4.2968

Details

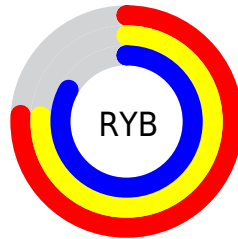
The RYB color **193, 193, 211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193, 211, 193**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **249, 249, 255**, and **139, 140, 156** is the 20% darker color. If you saturate the color by 10%, you get **172, 172, 211**, and if you desaturate by 10%, it is **211, 214, 211**.

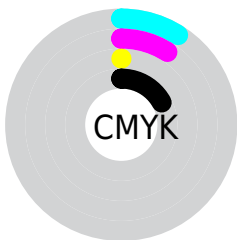
Distribution



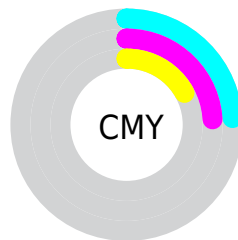
- Red (76%)
- Green (76%)
- Blue (83%)



- Red (76%)
- Yellow (76%)
- Blue (83%)



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (17%)



- Cyan (24%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 193, 211 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 193, 193, 211 by changing the saturation by 10% instead.

■ 193, 193, 211

255, 255, 255

■ 249, 249, 255

■ 193, 193, 211

■ 166, 166, 183

■ 139, 140, 156

■ 114, 114, 130

■ 89, 90, 105

■ 66, 66, 81

■ 44, 44, 58


■ 23, 24, 37


■ 0, 1, 15


■ 0, 0, 0


 193, 193, 211


 193, 193, 211

 172, 172, 211

 211, 214, 211

 151, 151, 211

 211, 235, 211

 130, 130, 211

 211, 255, 211

 109, 109, 211

 88, 88, 211

 66, 66, 211

 45, 45, 211

 24, 24, 211

 3, 3, 211

Harmonies

Analogous

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



182, 192, 212



193, 193, 211



204, 190, 206

Triad

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



193, 193, 211



212, 194, 181



176, 191, 200

Complementary

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



193, 193, 211



193, 211, 193

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.



183, 198, 196



193, 193, 211



198, 205, 177

Square

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



193, 193, 211



214, 189, 188



178, 196, 179



172, 186, 200

Rectangle

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



193, 193, 211



209, 189, 200



178, 196, 179



179, 193, 199

Sweetspot

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



193, 193, 211



247, 247, 255



193, 202, 211



122, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



193, 193, 211



230, 230, 255



202, 193, 211



94, 94, 105



0, 0, 168



0, 0, 41

Inverse Universe

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



211, 193, 211



255, 230, 255



193, 211, 202



105, 94, 105



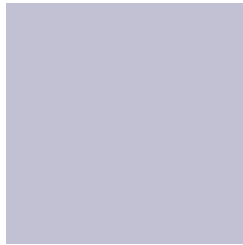
168, 0, 168



41, 0, 41

Previews

White Background



This preview shows how the RYB color 193, 193, 211 looks on a white background.

Color Contrast Check

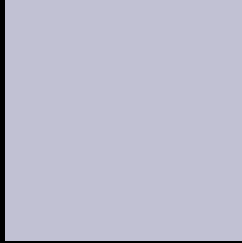
Large Text (above 18pt) WCAG AA × Fail

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 193, 193, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

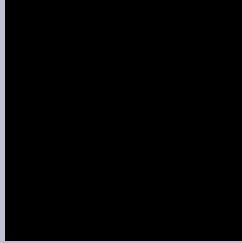
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

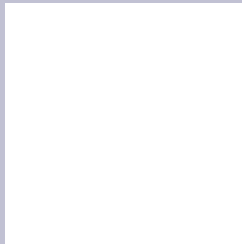
Any Text WCAG AAA ✓ Pass

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

RYB 193, 193, 211 Background



This preview shows how black text looks on a background with the RYB color 193, 193, 211.

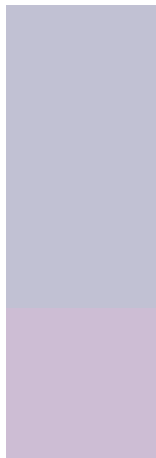


This preview shows how white text looks on a background with the RYB color 193, 193, 211.

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](#).

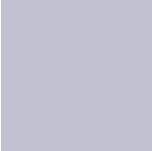
Dichromacy



Original Color
193, 193, 211

Protanopia
193, 193, 211

Deuteranopia
205, 189, 212



Tritanopia
193, 193, 209

Trichromacy



Original Color
193, 193, 211

Protanomaly
193, 193, 211

Deuteranomaly
201, 190, 212

Tritanomaly
193, 193, 210

Monochromacy



Original Color
193, 193, 211

Achromatopsia
195, 195, 195

Achromatomaly
194, 194, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 193, 211 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(193, 193, 211)` looks like.

```
.text, #text, p{  
    color:rgb(193, 193, 211)  
}
```

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(193, 193, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 193, 211) }
```

Border

The CSS property to change the border of an element to RYB 193, 193, 211 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(193, 193, 211) }
```

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

```
.border{ border-color:rgb(193, 193, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 193, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 193, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 193, 211);  
box-shadow:4px 4px 4px 4px rgb(193, 193,  
211) }
```

Background

The CSS property to change the background color of an element to RYB 193, 193, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 193, 211) }
```

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

```
.background{ background-color: rgb(193,  
193, 211) }
```

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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