

Converting Colors

`RYB(203, 199, 211)`

Have a look what the booklet for
RYB(203, 199, 211) contains.

RYB(203, 199, 211)	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

$\text{RYB}(203, 199, 211)$

Conversions

Conversions Part 1

Format	Color
Hex	CBC7D3
RGB	203, 199, 211
RGB Percent	80%, 78%, 83%
CMY	0.2039, 0.2196, 0.1725
CMYK	0.04, 0.06, 0.00, 0.17
HSL	260°, 12%, 80%
HSV	260°, 6%, 83%
XYZ	56.8099, 58.2465, 69.8765
YIQ	201.5640, -1.4680, 4.5800

Conversions

Conversions Part 2

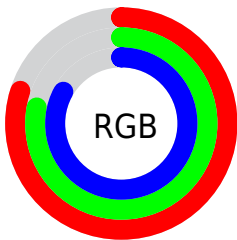
Format	Color
RYP	203, 199, 211
Decimal	13354963
CIE Lab	80.88, 3.61, -5.49
CIE LCh	81, 6.567, 303.350
Yxy	58.2465, 0.3072, 0.3150
Android (android.graphics.Color)	4291545043 (0xFFCBC7D3)
YUV	201.5640, 4.6519, 1.2594
Hunter-Lab	76.3194, -0.6888, -0.8612

Details

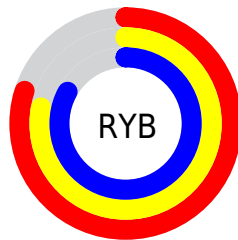
The RYB color **203, 199, 211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 211, 203**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is 255, 255, 255, and **149, 145, 157** is the 20% darker color. If you saturate the color by 10%, you get **189, 178, 211**, and if you desaturate by 10%, it is **211, 220, 214**.

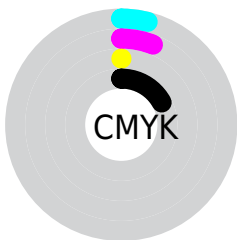
Distribution



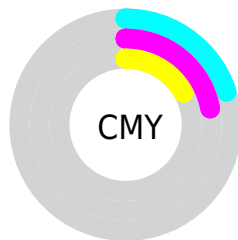
- Red (80%)
- Green (78%)
- Blue (83%)



- Red (80%)
- Yellow (78%)
- Blue (83%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 199, 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 203, 199, 211 by changing the saturation by 10% instead.

■ 203, 199, 211

255, 255, 255

■ 203, 199, 211

■ 176, 172, 183

■ 149, 145, 157

■ 123, 120, 130

■ 98, 95, 105

■ 74, 71, 81

■ 52, 49, 58

■ 31, 28, 37

■ 6, 1, 16

■ 0, 0, 0

■ 203, 199, 211

■ 203, 199, 211

■ 189, 178, 211

■ 211, 220, 214

■ 175, 157, 211

■ 211, 241, 221

■ 161, 136, 211

■ 211, 255, 221

■ 147, 115, 211

■ 211, 255, 211

■ 133, 94, 211

■ 119, 72, 211

■ 105, 51, 211

■ 90, 30, 211

■ 76, 9, 211

Harmonies

Analogous

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



195, 200, 213



203, 199, 211



210, 197, 206

Triad

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



203, 199, 211



211, 206, 190



187, 197, 205

Complementary

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



203, 199, 211



199, 211, 203

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.



192, 202, 204



203, 199, 211



194, 205, 189

Square

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



203, 199, 211



214, 198, 194



190, 202, 194



186, 196, 207

Rectangle

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



203, 199, 211



213, 197, 202



190, 202, 194



188, 197, 204

Sweetspot

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



203, 199, 211



252, 250, 255



199, 204, 211



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 199, 211



243, 237, 255



209, 199, 211



99, 96, 105



56, 0, 168



14, 0, 41

Inverse Universe

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



211, 199, 207



255, 237, 249



199, 211, 209



105, 96, 102



168, 0, 112



41, 0, 27

Previews

White Background



This preview shows how the RYB color 203, 199, 211 looks on a white background.

Color Contrast Check

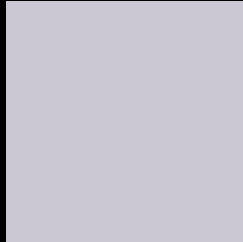
Large Text (above 18pt) WCAG AA × Fail

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 203, 199, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

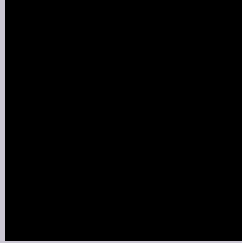
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

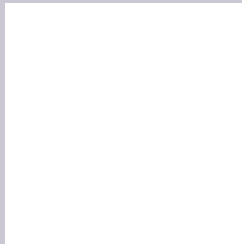
Any Text WCAG AAA ✓ Pass

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

R Y B 203, 199, 211 Background



This preview shows how black text looks on a background with the RYB color 203, 199, 211.

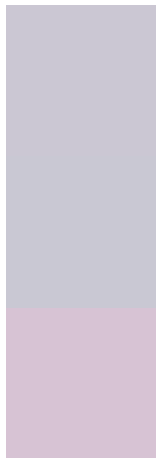


This preview shows how white text looks on a background with the RYB color 203, 199, 211.

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
[203, 199, 211](#)

Protanopia
[201, 200, 211](#)

Deuteranopia
[215, 195, 212](#)



Tritanopia
203, 198, 214

Trichromacy



Original Color

203, 199, 211

Protanomaly

202, 200, 211

Deuteranomaly

211, 196, 212

Tritanomaly

203, 198, 213

Monochromacy



Original Color

203, 199, 211

Achromatopsia

202, 202, 202

Achromatomaly

202, 201, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 199, 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(203, 199, 211) looks like.

```
.text, #text, p{  
    color:rgb(203, 199, 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(203, 199, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 199, 211) }
```

Border

The CSS property to change the border of an element to RYB 203, 199, 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(203, 199, 211) }
```

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

```
.border{ border-color:rgb(203, 199, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 199, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 199, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 199, 211);  
box-shadow:4px 4px 4px 4px rgb(203, 199,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 203, 199, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 199, 211) }
```

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

```
.background{ background-color: rgb(203,  
199, 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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