

Converting Colors

`RYB(199, 203, 205)`

Have a look what the booklet for
RYB(199, 203, 205) contains.

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Color

R_YB(199, 203, 205)

Conversions

Conversions Part 1

Format	Color
Hex	C7CDCA
RGB	199, 205, 202
RGB Percent	78%, 80%, 79%
CMY	0.2196, 0.1961, 0.2078
CMYK	0.03, 0.00, 0.01, 0.20
HSL	150°, 6%, 79%
HSV	150°, 3%, 80%
XYZ	56.0452, 60.0690, 64.5177
YIQ	202.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

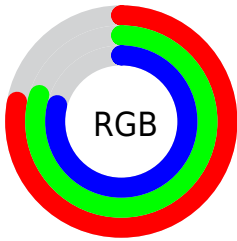
Format	Color
RYB	199, 203, 205
Decimal	13094346
CIELab	81.88, -2.60, 0.77
CIElCh	82, 2.710, 163.566
Yxy	60.0690, 0.3103, 0.3325
Android (android.graphics.Color)	4291284426 (0xFFC7CDCA)
YUV	202.8640, -0.4260, -3.3887
Hunter-Lab	77.5042, -6.5547, 4.8975

Details

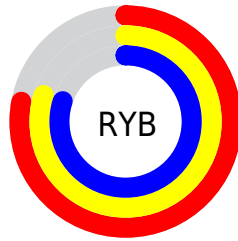
The RYB color **199, 203, 205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205, 199, 202**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is 255, 255, 255, and **145, 149, 151** is the 20% darker color. If you saturate the color by 10%, you get **179, 196, 205**, and if you desaturate by 10%, it is **220, 205, 212**.

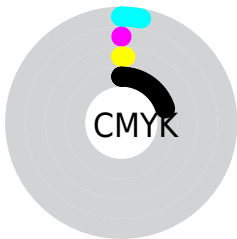
Distribution



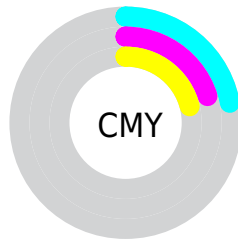
- Red (78%)
- Green (80%)
- Blue (79%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 203, 205 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 199, 203, 205 by changing the saturation by 10% instead.

■ 199, 203, 205

255, 255, 255

■ 199, 203, 205

■ 172, 176, 178

■ 145, 149, 151

■ 120, 124, 125

■ 95, 99, 100

■ 71, 74, 76

■ 49, 53, 54

■ 28, 31, 32

■ 1, 6, 9

■ 0, 0, 0

 199, 203, 205

 199, 203, 205

 179, 196, 205

 220, 205, 212

 158, 190, 205


 240, 205, 223

 138, 183, 205


 255, 205, 233

 117, 176, 205


 255, 205, 243


 97, 169, 205


 255, 205, 253

 76, 162, 205

 255, 205, 255

 55, 155, 205

 35, 148, 205

 14, 141, 205

Harmonies

Analogous

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



200, 204, 202



199, 203, 205



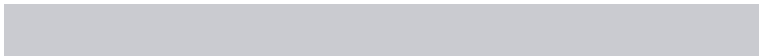
198, 202, 205

Triad

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



199, 203, 205



202, 203, 208



209, 203, 200

Complementary

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



199, 203, 205



205, 199, 202

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.



209, 202, 202



199, 203, 205



206, 203, 207

Square

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



199, 203, 205



200, 203, 208



208, 202, 205



207, 207, 199

Rectangle

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



199, 203, 205



198, 202, 206



208, 202, 205



209, 202, 201

Sweetspot

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



199, 203, 205



252, 254, 255



199, 205, 202



126, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



199, 203, 205



245, 252, 255



199, 202, 205



97, 101, 102



0, 111, 166



0, 25, 38

Inverse Universe

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



205, 199, 202



255, 245, 250



205, 199, 199



102, 97, 99



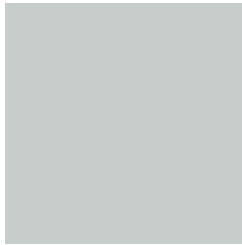
166, 0, 83



38, 0, 19

Previews

White Background



This preview shows how the RYB color 199, 203, 205 looks on a white background.

Color Contrast Check

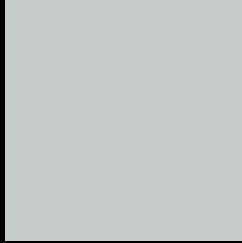
Large Text (above 18pt) WCAG AA × Fail

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 199, 203, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

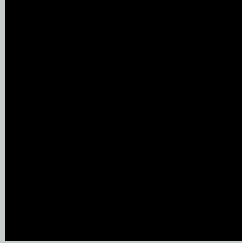
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

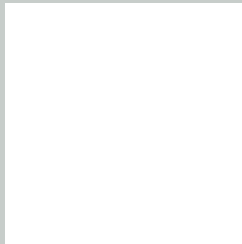
Any Text WCAG AAA ✓ Pass

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

RYB 199, 203, 205 Background



This preview shows how black text looks on a background with the RYB color 199, 203, 205.



This preview shows how white text looks on a background with the RYB color 199, 203, 205.

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





Tritanopia
202, 202, 218

Trichromacy



Original Color

199, 203, 205

Protanomaly

205, 205, 201

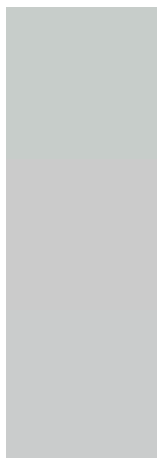
Deuteranomaly

214, 200, 203

Tritanomaly

201, 203, 212

Monochromacy



Original Color

199, 203, 205

Achromatopsia

203, 203, 203

Achromatomaly

202, 203, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 203, 205 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(199, 205, 202) looks like.

```
.text, #text, p{  
    color:rgb(199, 205, 202)  
}
```

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(199, 205, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 205, 202) }
```

Border

The CSS property to change the border of an element to RYB 199, 203, 205 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(199, 205, 202) }
```

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

```
.border{ border-color:rgb(199, 205, 202) }
```

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

Here you see how a box with a 4 pixel rgb(199, 205, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 205, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 205, 202);  
box-shadow:4px 4px 4px 4px rgb(199, 205,  
202) }
```

Background

The CSS property to change the background color of an element to RYB 199, 203, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 205, 202) }
```

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

```
.background{ background-color: rgb(199,  
205, 202) }
```

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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