

Converting Colors

RGB(199, 202, 201)

Have a look what the booklet for
RGB(199, 202, 201) contains.

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Color

RGB(199, 202, 201)

Conversions

Conversions Part 1

Format	Color
Hex	C7CAC9
RGB	199, 202, 201
RGB Percent	78%, 79%, 79%
CMY	0.2196, 0.2078, 0.2118
CMYK	0.01, 0.00, 0.00, 0.21
HSL	160°, 3%, 79%
HSV	160°, 1%, 79%
XYZ	55.2163, 58.6002, 63.6591
YIQ	200.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

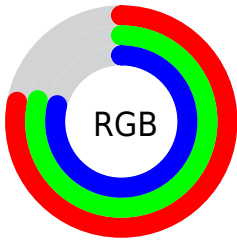
Format	Color
R _Y B	199, 201, 202
Decimal	13093577
CIE Lab	81.07, -1.21, 0.13
CIE LCh	81, 1.216, 173.944
Yxy	58.6002, 0.3111, 0.3302
Android (android.graphics.Color)	4291283657 (0xFFC7CAC9)
YUV	200.9890, 0.0054, -1.7444
Hunter-Lab	76.5508, -5.2112, 4.2804

Details

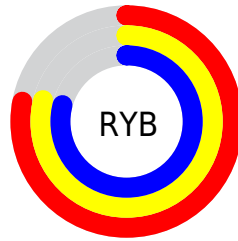
The RGB color **199, 202, 201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202, 199, 200**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is 255, 255, 255, and **145, 148, 147** is the 20% darker color. If you saturate the color by 10%, you get **179, 202, 194**, and if you desaturate by 10%, it is **219, 202, 208**.

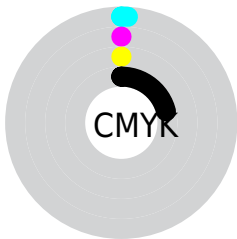
Distribution



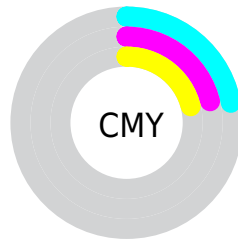
- Red (78%)
- Green (79%)
- Blue (79%)



- Red (78%)
- Yellow (79%)
- Blue (79%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 202, 201 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 RGB color 199, 202, 201 by changing the saturation by 10% instead.

■ 199, 202, 201

255, 255, 255

■ 199, 202, 201

■ 172, 175, 174

■ 145, 148, 147

■ 120, 122, 121

■ 95, 97, 97

■ 71, 74, 73

■ 49, 51, 50

■ 28, 30, 29

■ 1, 5, 4

■ 0, 0, 0

 199, 202, 201

 199, 202, 201

 179, 202, 194

 219, 202, 208

 159, 202, 188

 239, 202, 214

 138, 202, 181

 255, 202, 221

 118, 202, 174

 255, 202, 228

 98, 202, 167

 255, 202, 235

 78, 202, 161

 255, 202, 241

 58, 202, 154

 255, 202, 248

 37, 202, 147

 255, 202, 255

 17, 202, 140

 255, 202, 255

Harmonies

Analogous

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



200, 202, 200



199, 202, 201



199, 202, 202

Triad

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



199, 202, 201



201, 201, 203



204, 201, 199

Complementary

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



199, 202, 201



202, 199, 200

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.



204, 201, 200



199, 202, 201



203, 201, 203

Square

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



199, 202, 201



200, 201, 204



204, 201, 202



203, 201, 199

Rectangle

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



199, 202, 201



199, 202, 203



204, 201, 202



204, 201, 200

Sweetspot

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



199, 202, 201

255, 255, 255



200, 202, 199



128, 128, 128



0, 0, 0

Same Dimension

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



199, 202, 201



250, 255, 253



199, 202, 202



100, 102, 101



0, 166, 110



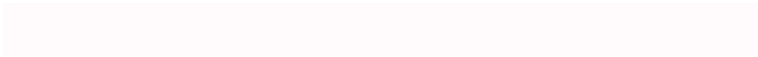
0, 38, 25

Inverse Universe

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



202, 199, 200



255, 250, 252



202, 200, 199



102, 100, 101



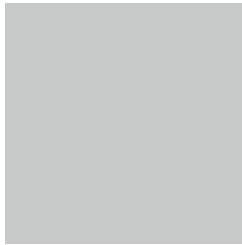
166, 0, 55



38, 0, 13

Previews

White Background



This preview shows how the RGB color 199, 202, 201 looks on a white background.

Color Contrast Check

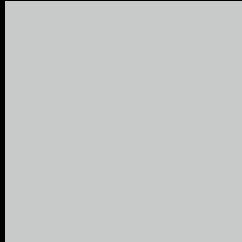
Large Text (above 18pt) WCAG AA × Fail

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 199, 202, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

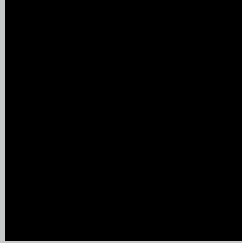
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

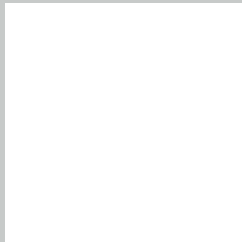
Any Text WCAG AAA ✓ Pass

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

RGB 199, 202, 201 Background



This preview shows how black text looks on a background with the RGB color 199, 202, 201.



This preview shows how white text looks on a background with the RGB color 199, 202, 201.

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
199, 202, 201

Protanopia
205, 200, 200

Deuteranopia
220, 195, 202



Tritanopia
201, 200, 216

Trichromacy



Original Color

199, 202, 201

Protanomaly

203, 201, 200

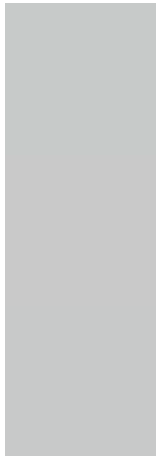
Deuteranomaly

212, 198, 202

Tritanomaly

200, 201, 211

Monochromacy



Original Color

199, 202, 201

Achromatopsia

201, 201, 201

Achromatomaly

200, 201, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 202, 201 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, 202, 201)` looks like.

```
.text, #text, p{  
    color:rgb(199, 202, 201)  
}
```

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, 202, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 202, 201) }
```

Border

The CSS property to change the border of an element to RGB 199, 202, 201 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, 202, 201) }
```

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

```
.border{ border-color:rgb(199, 202, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 202, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 202, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 202, 201);  
box-shadow:4px 4px 4px 4px rgb(199, 202,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 199, 202, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 202, 201) }
```

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

```
.background{ background-color: rgb(199,  
202, 201) }
```

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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