

Converting Colors

RGB(202, 201, 199)

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

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Color

RGB(202, 201, 199)

Conversions

Conversions Part 1

Format	Color
Hex	CAC9C7
RGB	202, 201, 199
RGB Percent	79%, 79%, 78%
CMY	0.2078, 0.2118, 0.2196
CMYK	0.00, 0.00, 0.01, 0.21
HSL	40°, 3%, 79%
HSV	40°, 1%, 79%
XYZ	55.5526, 58.4534, 62.3875
YIQ	201.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

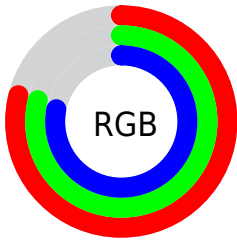
Format	Color
R_{YB}	201, 202, 199
Decimal	13289927
CIE Lab	80.99, -0.01, 1.11
CIE LCh	81, 1.109, 90.726
Yxy	58.4534, 0.3149, 0.3314
Android (android.graphics.Color)	4291480007 (0xFFCAC9C7)
YUV	201.0710, -1.0210, 0.8147
Hunter-Lab	76.4548, -4.0966, 5.1374

Details

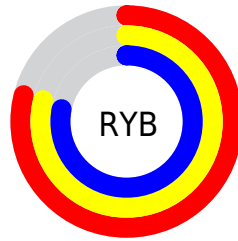
The RGB color **202, 201, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 200, 202**, and the grayscale version is **201, 201, 201**.

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

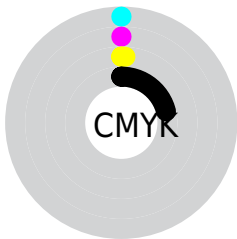
Distribution



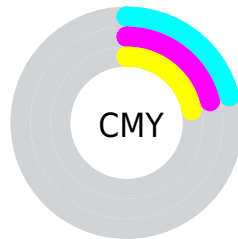
- Red (79%)
- Green (79%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

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

■ 202, 201, 199

255, 255, 255

■ 202, 201, 199

■ 175, 174, 172

■ 148, 147, 145

■ 122, 121, 120

■ 97, 97, 95

■ 74, 73, 71

■ 51, 50, 49

■ 30, 29, 28

■ 5, 4, 1


■ 0, 0, 0

 202, 201, 199


 202, 201, 199

 202, 194, 179


 202, 208, 219

 202, 188, 159


 202, 214, 239

 202, 181, 138


 202, 221, 255

 202, 174, 118


 202, 228, 255

 202, 167, 98


 202, 235, 255

 202, 161, 78


 202, 241, 255

 202, 154, 58

 202, 248, 255

 202, 147, 37

 202, 255, 255

 202, 140, 17

 202, 255, 255

Harmonies

Analogous

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



203, 201, 199



202, 201, 199



201, 201, 199

Triad

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



202, 201, 199



199, 202, 202



203, 201, 202

Complementary

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



202, 201, 199



199, 200, 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.



201, 201, 203



202, 201, 199



199, 201, 203

Square

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



202, 201, 199



199, 202, 201



200, 201, 203



203, 200, 201

Rectangle

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



202, 201, 199



200, 202, 200



200, 201, 203



202, 201, 202

Sweetspot

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



202, 201, 199

255, 255, 255



202, 199, 200



128, 128, 128



0, 0, 0

Same Dimension

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



202, 201, 199



255, 253, 250



202, 202, 199



102, 101, 100



166, 111, 0



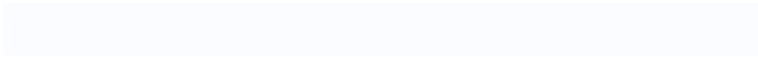
38, 25, 0

Inverse Universe

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



199, 200, 202



250, 252, 255



200, 199, 202



100, 101, 102



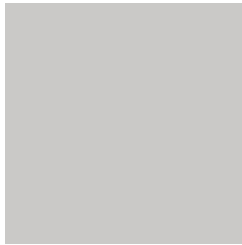
0, 55, 166



0, 13, 38

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

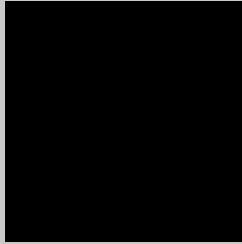
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

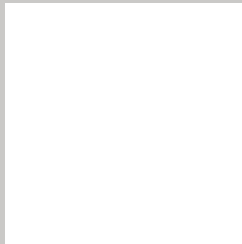
Any Text WCAG AAA ✓ Pass

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

RGB 202, 201, 199 Background



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




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

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
204, 199, 214

Trichromacy



Original Color

202, 201, 199

Protanomaly

204, 200, 198

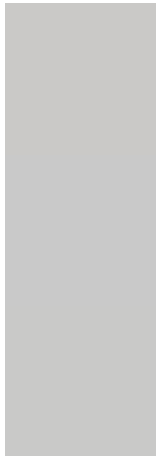
Deuteranomaly

214, 197, 200

Tritanomaly

203, 200, 209

Monochromacy



Original Color

202, 201, 199

Achromatopsia

201, 201, 201

Achromatomaly

201, 201, 200

CSS Examples

Text

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

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

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(202, 201, 199) colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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