

Converting Colors

`RYB(201, 201, 193)`

Have a look what the booklet for
RYB(201, 201, 193) contains.

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Color

R_YB(201, 201, 193)

Conversions

Conversions Part 1

Format	Color
Hex	C9C5C1
RGB	201, 197, 193
RGB Percent	79%, 77%, 76%
CMY	0.2118, 0.2275, 0.2431
CMYK	0.00, 0.02, 0.04, 0.21
HSL	30°, 7%, 77%
HSV	30°, 4%, 79%
XYZ	53.6793, 56.2003, 58.4706
YIQ	197.7400, 3.6680, -0.3960

Conversions

Conversions Part 2

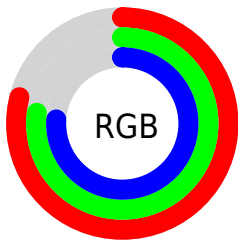
Format	Color
R_{YB}	201, 201, 193
Decimal	13223361
CIE Lab	79.73, 0.68, 2.48
CIE LCh	80, 2.574, 74.798
Yxy	56.2003, 0.3189, 0.3338
Android (android.graphics.Color)	4291413441 (0xFFC9C5C1)
YUV	197.7400, -2.3368, 2.8590
Hunter-Lab	74.9668, -3.3788, 6.2334

Details

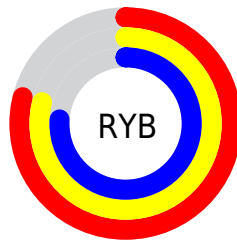
The RYB color **201, 201, 193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193, 196, 201**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is 250, 255, 249, and **147, 145, 140** is the 20% darker color. If you saturate the color by 10%, you get **201, 201, 173**, and if you desaturate by 10%, it is **201, 205, 213**.

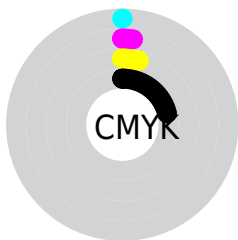
Distribution



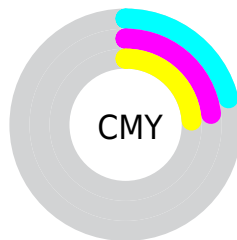
- Red (79%)
- Green (77%)
- Blue (76%)



- Red (79%)
- Yellow (79%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (21%)



- Cyan (21%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 201, 193 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 201, 201, 193 by changing the saturation by 10% instead.

■ 201, 201, 193

255, 255, 255

■ 250, 255, 249

■ 201, 201, 193

■ 174, 174, 166

■ 147, 145, 140

■ 119, 121, 114

■ 97, 95, 90

■ 71, 73, 66

■ 50, 50, 44

■ 27, 29, 24


■ 0, 0, 0


■ 201, 201, 193

■ 201, 201, 193

 201, 201, 173

 201, 205, 213

 201, 201, 153


 201, 212, 233

 201, 201, 133

 201, 218, 253

 201, 201, 113

 201, 223, 255

 201, 201, 93

 201, 226, 255

 199, 201, 72

 201, 228, 255

 199, 201, 52

 199, 201, 32

 199, 201, 12

Harmonies

Analogous

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



203, 197, 194



201, 201, 193



193, 198, 193

Triad

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



201, 201, 193



192, 196, 199



200, 197, 201

Complementary

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



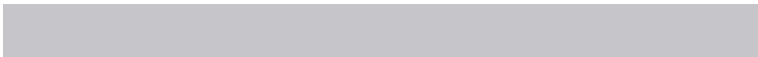
201, 201, 193



193, 196, 201

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.



197, 197, 202



201, 201, 193



192, 196, 201

Square

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



201, 201, 193



193, 197, 199



194, 197, 202



202, 196, 199

Rectangle

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



201, 201, 193



194, 198, 196



194, 197, 202



199, 197, 202

Sweetspot

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



201, 201, 193



254, 255, 252



201, 193, 197



128, 128, 126



0, 0, 0



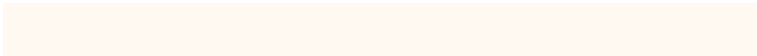
128, 128, 128

Same Dimension

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



201, 201, 193



253, 255, 242



193, 201, 193



99, 99, 93



161, 163, 0



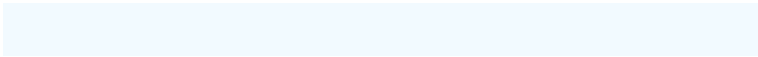
36, 36, 0

Inverse Universe

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



193, 196, 201



242, 247, 255



193, 193, 201



93, 95, 99



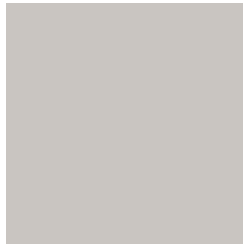
0, 55, 163



0, 12, 36

Previews

White Background



This preview shows how the RYB color 201, 201, 193 looks on a white background.

Color Contrast Check

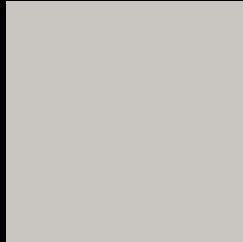
Large Text (above 18pt) WCAG AA × Fail

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 201, 201, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

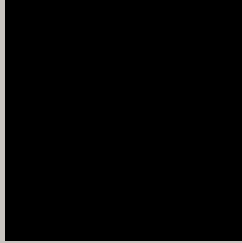
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

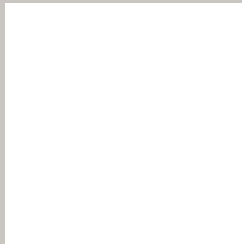
Any Text WCAG AAA ✓ Pass

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

RYB 201, 201, 193 Background



This preview shows how black text looks on a background with the RYB color 201, 201, 193.

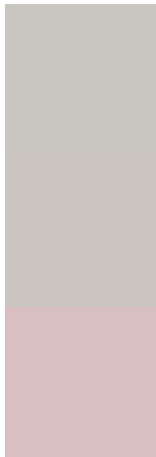


This preview shows how white text looks on a background with the RYB color 201, 201, 193.

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
201, 201, 193

Protanopia
202, 200, 193

Deuteranopia
218, 191, 194



Tritanopia
203, 194, 210

Trichromacy



Original Color

201, 201, 193

Protanomaly

202, 200, 193

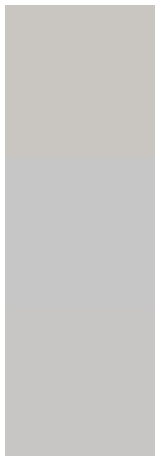
Deuteranomaly

212, 193, 194

Tritanomaly

202, 195, 204

Monochromacy



Original Color

201, 201, 193

Achromatopsia

198, 198, 198

Achromatomaly

198, 199, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 201, 193 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(201, 197, 193) looks like.

```
.text, #text, p{  
    color:rgb(201, 197, 193)  
}
```

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(201, 197, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 193) }
```

Border

The CSS property to change the border of an element to RYB 201, 201, 193 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(201, 197, 193) }
```

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

```
.border{ border-color:rgb(201, 197, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 197, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 193);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 201, 201, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 193) }
```

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

```
.background{ background-color: rgb(201,  
197, 193) }
```

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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