

Converting Colors

`RYB(201, 199, 200)`

Have a look what the booklet for RYB(201, 199, 200) contains.

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Color

R_YB(201, 199, 200)

Conversions

Conversions Part 1

Format	Color
Hex	C9C7C8
RGB	201, 199, 200
RGB Percent	79%, 78%, 78%
CMY	0.2118, 0.2196, 0.2157
CMYK	0.00, 0.01, 0.00, 0.21
HSL	330°, 2%, 78%
HSV	330°, 1%, 79%
XYZ	54.9361, 57.4345, 62.8341
YIQ	199.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

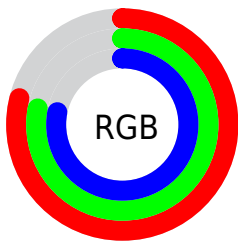
Format	Color
R_{YB}	201, 199, 200
Decimal	13223880
CIE Lab	80.42, 0.88, -0.26
CIE LCh	80, 0.916, 343.287
Yxy	57.4345, 0.3136, 0.3278
Android (android.graphics.Color)	4291413960 (0xFFC9C7C8)
YUV	199.7120, 0.1420, 1.1296
Hunter-Lab	75.7855, -3.2319, 3.8923

Details

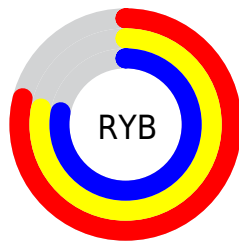
The RYB color **201, 199, 200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 200, 201**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is 255, 255, 255, and **147, 145, 146** is the 20% darker color. If you saturate the color by 10%, you get **201, 179, 190**, and if you desaturate by 10%, it is **201, 213, 219**.

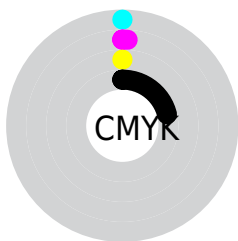
Distribution



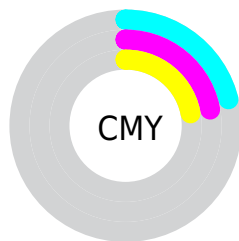
- Red (79%)
- Green (78%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 199, 200 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, 199, 200 by changing the saturation by 10% instead.

■ 201, 199, 200

255, 255, 255

■ 201, 199, 200

■ 174, 172, 173

■ 147, 145, 146

■ 121, 120, 120

■ 97, 95, 96


■ 73, 71, 72


■ 50, 49, 50


■ 29, 28, 29


■ 4, 1, 2


■ 0, 0, 0


 201, 199, 200


 201, 199, 200

 201, 179, 190


 201, 213, 219

 201, 159, 180


 201, 226, 239

 201, 139, 170


 201, 236, 255


 201, 119, 160


 201, 232, 255


 201, 99, 150


 201, 229, 255

 201, 78, 140

 201, 228, 255

 201, 58, 130

 201, 38, 120

 201, 18, 110

Harmonies

Analogous

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



200, 199, 201



201, 199, 200



201, 199, 199

Triad

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



201, 199, 200



198, 200, 198



198, 199, 201

Complementary

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



201, 199, 200



199, 200, 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.



198, 199, 200



201, 199, 200



198, 200, 199

Square

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



201, 199, 200



201, 200, 198



198, 199, 200



198, 199, 201

Rectangle

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



201, 199, 200



201, 199, 199



198, 199, 200



198, 199, 200

Sweetspot

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



201, 199, 200

255, 255, 255



200, 199, 201



128, 128, 128



0, 0, 0

Same Dimension

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



201, 199, 200



255, 252, 254



201, 199, 199



99, 98, 99



163, 0, 82



36, 0, 18

Inverse Universe

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



201, 199, 200



255, 252, 254



199, 200, 201



99, 98, 99



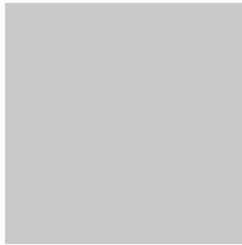
163, 0, 82



36, 0, 18

Previews

White Background



This preview shows how the RYB color 201, 199, 200 looks on a white background.

Color Contrast Check

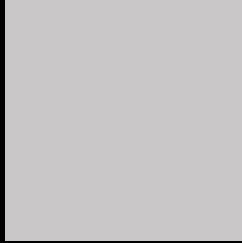
Large Text (above 18pt) WCAG AA × Fail

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, 199, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

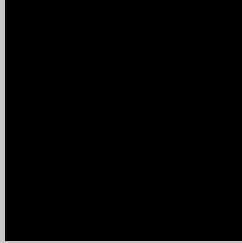
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

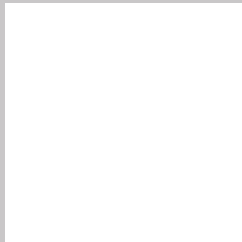
Any Text WCAG AAA ✓ Pass

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

RYB 201, 199, 200 Background



This preview shows how black text looks on a background with the RYB color 201, 199, 200.

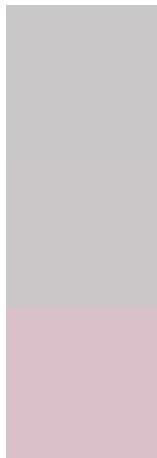


This preview shows how white text looks on a background with the RYB color 201, 199, 200.

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, 199, 200

Protanopia
203, 198, 200

Deuteranopia
218, 193, 201



Tritanopia
203, 197, 213

Trichromacy



Original Color

201, 199, 200

Protanomaly

202, 198, 200

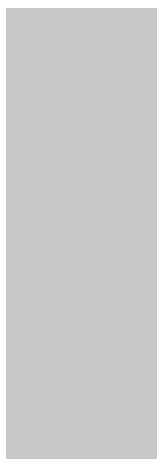
Deuteranomaly

212, 195, 201

Tritanomaly

202, 198, 208

Monochromacy



Original Color

201, 199, 200

Achromatopsia

200, 200, 200

Achromatomaly

200, 200, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 199, 200 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, 199, 200) looks like.

```
.text, #text, p{  
    color:rgb(201, 199, 200)  
}
```

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, 199, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 199, 200) }
```

Border

The CSS property to change the border of an element to RYB 201, 199, 200 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, 199, 200) }
```

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

```
.border{ border-color:rgb(201, 199, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 199, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 199, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 199, 200);  
box-shadow:4px 4px 4px 4px rgb(201, 199,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 201, 199, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 199, 200) }
```

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

```
.background{ background-color: rgb(201,  
199, 200) }
```

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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