

Converting Colors

`RYB(201, 202, 202)`

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

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Color

R_YB(201, 202, 202)

Conversions

Conversions Part 1

Format	Color
Hex	C9CAC9
RGB	201, 202, 201
RGB Percent	79%, 79%, 79%
CMY	0.2118, 0.2078, 0.2118
CMYK	0.00, 0.00, 0.00, 0.21
HSL	120°, 1%, 79%
HSV	120°, 0%, 79%
XYZ	55.7505, 58.8756, 63.6841
YIQ	201.5870, -0.2750, -0.5230

Conversions

Conversions Part 2

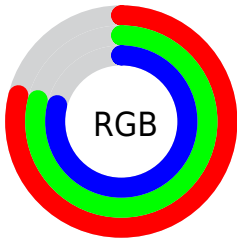
Format	Color
R _{YB}	201, 202, 202
Decimal	13224649
CIE Lab	81.22, -0.52, 0.37
CIE LCh	81, 0.639, 144.821
Yxy	58.8756, 0.3127, 0.3302
Android (android.graphics.Color)	4291414729 (0xFFC9CAC9)
YUV	201.5870, -0.2894, -0.5148
Hunter-Lab	76.7304, -4.5844, 4.5023

Details

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

A 20% lighter version of the original color is 255, 255, 255, and **147, 148, 148** is the 20% darker color. If you saturate the color by 10%, you get **181, 202, 202**, and if you desaturate by 10%, it is **221, 202, 221**.

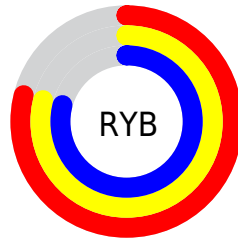
Distribution



Red (79%)

Green (79%)

Blue (79%)



Red (79%)

Yellow (79%)

Blue (79%)

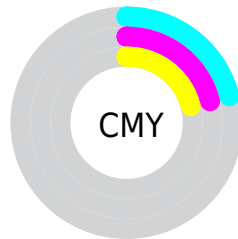


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (21%)



Cyan (21%)

Magenta (21%)

Yellow (21%)

Brightness & Saturation Gradients

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

■ 201, 202, 202

255, 255, 255

■ 201, 202, 202

■ 174, 175, 175

■ 147, 148, 148

■ 121, 122, 122

■ 97, 97, 97

■ 73, 74, 74

■ 50, 51, 51

■ 29, 30, 30


■ 4, 5, 5

■ 0, 0, 0


 201, 202, 202

 201, 202, 202

 181, 202, 202

 221, 202, 221

 161, 202, 202

 241, 202, 241

 140, 202, 202

 255, 202, 255

 120, 202, 202

 100, 202, 202

 80, 202, 202

 60, 202, 202

 39, 202, 202

 19, 202, 202

Harmonies

Analogous

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



201, 202, 201



201, 202, 202



201, 202, 202

Triad

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



201, 202, 202



201, 202, 203



203, 201, 201

Complementary

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



201, 202, 202



202, 201, 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.



203, 201, 202



201, 202, 203



202, 202, 203

Square

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



201, 202, 202



201, 202, 203



202, 201, 202



203, 201, 201

Rectangle

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



201, 202, 202



200, 201, 202



202, 201, 202



203, 201, 201

Sweetspot

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



201, 202, 202

255, 255, 255



201, 202, 201



128, 128, 128



0, 0, 0

Same Dimension

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



201, 202, 202



252, 255, 255



201, 202, 202



101, 102, 102



0, 166, 166



0, 38, 38

Inverse Universe

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



202, 201, 202



255, 252, 255



102, 101, 102



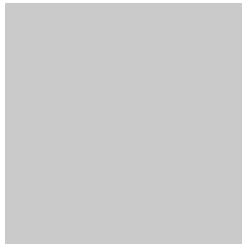
166, 0, 166



38, 0, 38

Previews

White Background



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

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

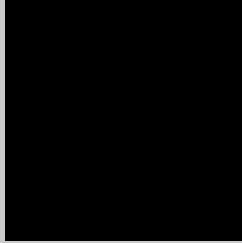
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

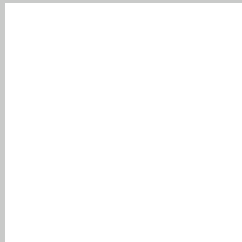
Any Text WCAG AAA ✓ Pass

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

RYB 201, 202, 202 Background



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



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

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, 202, 202
	Protanopia 205, 201, 200
	Deuteranopia 221, 195, 202



Tritanopia
203, 200, 216

Trichromacy



Original Color

201, 202, 202

Protanomaly

204, 201, 200

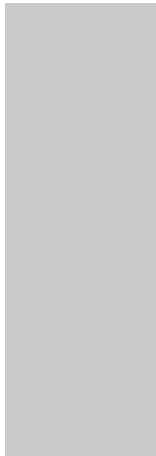
Deuteranomaly

214, 198, 202

Tritanomaly

202, 201, 211

Monochromacy



Original Color

201, 202, 202

Achromatopsia

202, 202, 202

Achromatomaly

202, 202, 202

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(201, 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(201, 202, 201) colored shadow looks like.

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

Border

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

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

```
.border{ border-color:rgb(201, 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(201, 202, 201)` colored shadow looks like.

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

Background

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

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

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

```
.background{ background-color: rgb(201,  
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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