

Converting Colors

`RYB(191, 201, 202)`

Have a look what the booklet for
RYB(191, 201, 202) contains.

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Color

R_{YB}(191, 201, 202)

Conversions

Conversions Part 1

Format	Color
Hex	BFCAC0
RGB	191, 202, 192
RGB Percent	75%, 79%, 75%
CMY	0.2510, 0.2078, 0.2467
CMYK	0.05, 0.00, 0.05, 0.21
HSL	126°, 9%, 77%
HSV	126°, 5%, 79%
XYZ	52.1319, 57.1276, 58.2064
YIQ	197.5710, -3.3460, -5.4420

Conversions

Conversions Part 2

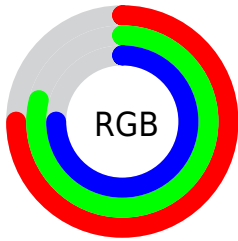
Format	Color
RYB	191, 201, 202
Decimal	12569280
CIELab	80.25, -5.59, 3.63
CIELCh	80, 6.668, 146.993
Yxy	57.1276, 0.3113, 0.3411
Android (android.graphics.Color)	4290759360 (0xFFBFCAC0)
YUV	197.5710, -2.7465, -5.7628
Hunter-Lab	75.5828, -9.1528, 7.2487

Details

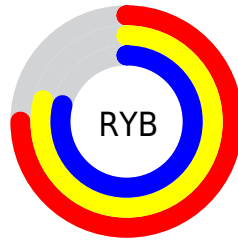
The RYB color **191, 201, 202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **202, 191, 201**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **247, 254, 255**, and **138, 147, 148** is the 20% darker color. If you saturate the color by 10%, you get **171, 199, 202**, and if you desaturate by 10%, it is **211, 202, 210**.

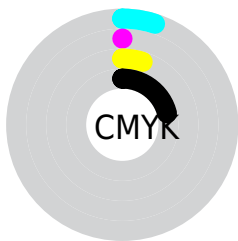
Distribution



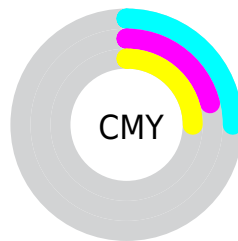
- Red (75%)
- Green (79%)
- Blue (75%)



- Red (75%)
- Yellow (79%)
- Blue (79%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (21%)



- Cyan (25%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 201, 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 191, 201, 202 by changing the saturation by 10% instead.


 191, 201, 202

255, 255, 255

 247, 254, 255

 191, 201, 202

 164, 174, 175

 138, 147, 148

 112, 121, 122

 88, 96, 97

 64, 73, 74

 42, 50, 51

 22, 29, 30

 0, 2, 2

 0, 0, 0

■ 191, 201, 202

■ 191, 201, 202

■ 171, 199, 202

■ 211, 202, 210

■ 151, 197, 202

■ 231, 202, 228

■ 130, 195, 202

■ 252, 202, 247

■ 110, 194, 202

■ 255, 202, 255

■ 90, 192, 202

■ 70, 190, 202

■ 50, 188, 202

■ 29, 186, 202

■ 9, 185, 202

Harmonies

Analogous

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



188, 200, 190



191, 201, 202



186, 196, 203

Triad

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



191, 201, 202



192, 198, 211



213, 195, 194

Complementary

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



191, 201, 202



202, 191, 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.



212, 195, 200



191, 201, 202



200, 198, 210

Square

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



191, 201, 202



186, 195, 209



207, 196, 206



211, 199, 189

Rectangle

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



191, 201, 202



184, 194, 203



207, 196, 206



213, 195, 196

Sweetspot

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



191, 201, 202



250, 255, 255



191, 202, 192



125, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



191, 201, 202



237, 253, 255



191, 198, 202



94, 101, 102



0, 151, 166



0, 34, 38

Inverse Universe

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



202, 191, 201



255, 237, 253



202, 191, 196



102, 94, 101



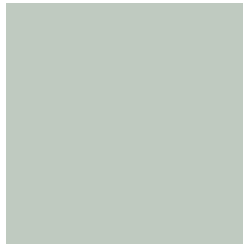
166, 0, 149



38, 0, 34

Previews

White Background



This preview shows how the RYB color 191, 201, 202 looks on a white background.

Color Contrast Check

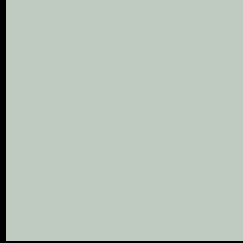
Large Text (above 18pt) WCAG AA × Fail

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 191, 201, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

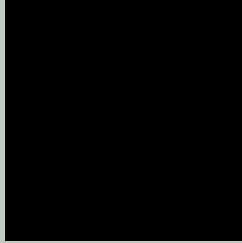
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

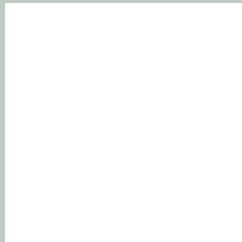
Any Text WCAG AAA ✓ Pass

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

RYB 191, 201, 202 Background



This preview shows how black text looks on a background with the RYB color 191, 201, 202.



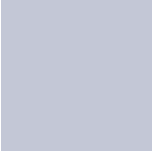
This preview shows how white text looks on a background with the RYB color 191, 201, 202.

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](#).

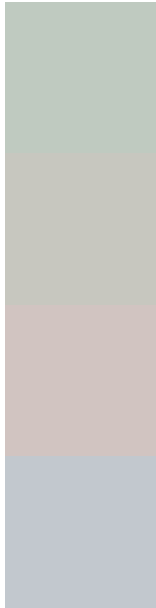
Dichromacy





Tritanopia
195, 198, 214

Trichromacy



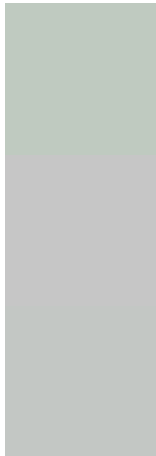
Original Color
191, 201, 202

Protanomaly
191, 199, 191

Deuteranomaly
209, 197, 193

Tritanomaly
194, 198, 206

Monochromacy



Original Color
191, 201, 202

Achromatopsia
198, 198, 198

Achromatomaly
195, 198, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 201, 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(191, 202, 192)` looks like.

```
.text, #text, p{  
    color:rgb(191, 202, 192)  
}
```

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(191, 202, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 202, 192) }
```

Border

The CSS property to change the border of an element to RYB 191, 201, 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(191, 202, 192) }
```

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

```
.border{ border-color:rgb(191, 202, 192) }
```

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

Here you see how a box with a 4 pixel rgb(191, 202, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 202, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 202, 192);  
box-shadow:4px 4px 4px 4px rgb(191, 202,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 191, 201, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 202, 192) }
```

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

```
.background{ background-color: rgb(191,  
202, 192) }
```

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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