

Converting Colors

`RYB(190, 200, 191)`

Have a look what the booklet for
RYB(190, 200, 191) contains.

RYB(190, 200, 191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(190, 200, 191)

Conversions

Conversions Part 1

Format	Color
Hex	C7C8BE
RGB	199, 200, 190
RGB Percent	78%, 78%, 75%
CMY	0.2196, 0.2157, 0.2549
CMYK	0.00, 0.00, 0.05, 0.22
HSL	66°, 8%, 76%
HSV	66°, 5%, 78%
XYZ	53.5017, 57.1684, 56.9300
YIQ	198.5610, 2.6140, -3.3220

Conversions

Conversions Part 2

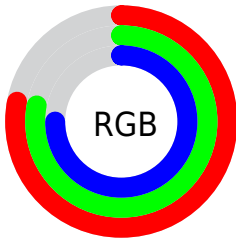
Format	Color
RYB	190, 200, 191
Decimal	13093054
CIELab	80.27, -2.14, 4.87
CIELCh	80, 5.316, 113.703
Yxy	57.1684, 0.3192, 0.3411
Android (android.graphics.Color)	4291283134 (0xFFC7C8BE)
YUV	198.5610, -4.2206, 0.3850
Hunter-Lab	75.6098, -6.0099, 8.2848

Details

The RYB color **190, 200, 191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **191, 190, 200**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **246, 255, 246**, and **137, 146, 138** is the 20% darker color. If you saturate the color by 10%, you get **170, 200, 173**, and if you desaturate by 10%, it is **201, 200, 210**.

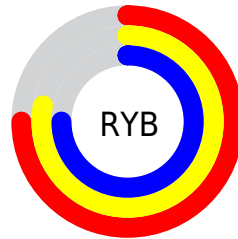
Distribution



Red (78%)

Green (78%)

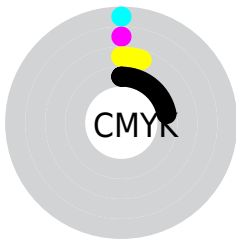
Blue (75%)



Red (75%)

Yellow (78%)

Blue (75%)

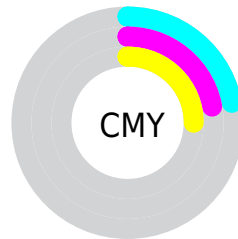


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 200, 191 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 190, 200, 191 by changing the saturation by 10% instead.

 190, 200, 191


255, 255, 255

 246, 255, 246

 190, 200, 191

 163, 173, 164


 137, 146, 138

 111, 120, 112

 87, 96, 88

 64, 72, 65

 42, 50, 43

 21, 29, 22


 0, 2, 2

 0, 0, 0

 190, 200, 191

 190, 200, 191

 170, 200, 173

 201, 200, 210

 150, 200, 155

 203, 200, 230

 130, 200, 137

 205, 200, 250


 110, 200, 119

 207, 200, 255

 90, 200, 101

 209, 200, 255

 70, 200, 83

 211, 200, 255

 50, 200, 65

 213, 200, 255

 30, 200, 47

 215, 200, 255

 10, 200, 29

 217, 200, 255

Harmonies

Analogous

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



201, 205, 189



190, 200, 191



193, 201, 201

Triad

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



190, 200, 191



189, 196, 207



209, 196, 200

Complementary

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



190, 200, 191



191, 190, 200

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.



205, 197, 205



190, 200, 191



193, 198, 209

Square

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



190, 200, 191



187, 195, 203



199, 198, 208



210, 196, 195

Rectangle

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



190, 200, 191



190, 198, 202



199, 198, 208



208, 196, 202

Sweetspot

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



190, 200, 191



250, 255, 251



200, 191, 190



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



190, 200, 191



240, 255, 242



190, 200, 196



92, 99, 92



0, 163, 16



0, 36, 4

Inverse Universe

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



191, 190, 200



241, 240, 255



196, 190, 200



93, 92, 99



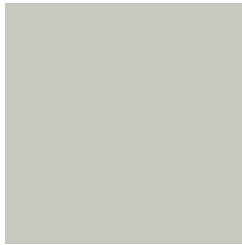
16, 0, 163



4, 0, 36

Previews

White Background



This preview shows how the RYB color 190, 200, 191 looks on a white background.

Color Contrast Check

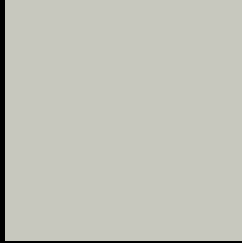
Large Text (above 18pt) WCAG AA × Fail

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 190, 200, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

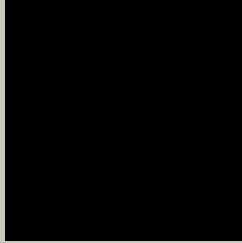
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

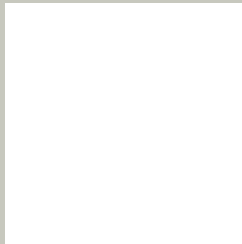
Any Text WCAG AAA ✓ Pass

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

R/Y/B 190, 200, 191 Background



This preview shows how black text looks on a background with the R/Y/B color 190, 200, 191.



This preview shows how white text looks on a background with the R/Y/B color 190, 200, 191.

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
190, 200, 191

Protanopia
201, 205, 189

Deuteranopia
221, 192, 192



Tritanopia
202, 197, 212

Trichromacy



Original Color

190, 200, 191

Protanomaly

195, 203, 189

Deuteranomaly

213, 196, 191

Tritanomaly

201, 198, 204

Monochromacy



Original Color

190, 200, 191

Achromatopsia

199, 199, 199

Achromatomaly

196, 199, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 200, 191 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(199, 200, 190)` looks like.

```
.text, #text, p{  
    color:rgb(199, 200, 190)  
}
```

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(199, 200, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 200, 190) }
```

Border

The CSS property to change the border of an element to RYB 190, 200, 191 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(199, 200, 190) }
```

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

```
.border{ border-color:rgb(199, 200, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 200, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 200, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 200, 190);  
box-shadow:4px 4px 4px 4px rgb(199, 200,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 190, 200, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 200, 190) }
```

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

```
.background{ background-color: rgb(199,  
200, 190) }
```

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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