

Converting Colors

`RYB(190, 199, 194)`

Have a look what the booklet for
RYB(190, 199, 194) contains.

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Color

R_YB(190, 199, 194)

Conversions

Conversions Part 1

Format	Color
Hex	C3C7BE
RGB	195, 199, 190
RGB Percent	76%, 78%, 75%
CMY	0.2353, 0.2196, 0.2549
CMYK	0.02, 0.00, 0.05, 0.22
HSL	87°, 7%, 76%
HSV	87°, 5%, 78%
XYZ	52.2234, 56.1667, 56.8040
YIQ	196.7780, 0.5050, -3.6470

Conversions

Conversions Part 2

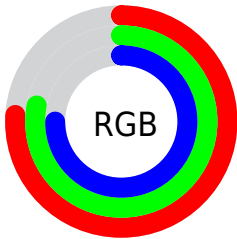
Format	Color
RYB	190, 199, 194
Decimal	12830654
CIELab	79.71, -3.01, 4.01
CIELCh	80, 5.017, 126.918
Yxy	56.1667, 0.3161, 0.3400
Android (android.graphics.Color)	4291020734 (0xFFC3C7BE)
YUV	196.7780, -3.3416, -1.5593
Hunter-Lab	74.9444, -6.7689, 7.5223

Details

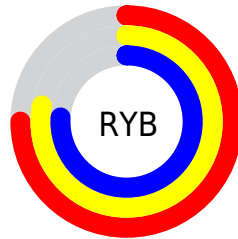
The RYB color **190, 199, 194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **194, 190, 199**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **246, 255, 249**, and **137, 145, 141** is the 20% darker color. If you saturate the color by 10%, you get **170, 199, 183**, and if you desaturate by 10%, it is **204, 199, 210**.

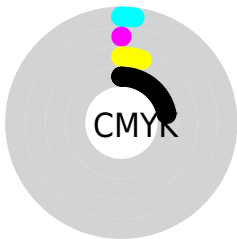
Distribution



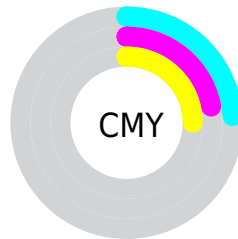
- Red (76%)
- Green (78%)
- Blue (75%)



- Red (75%)
- Yellow (78%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 199, 194 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, 199, 194 by changing the saturation by 10% instead.

■ 190, 199, 194

255, 255, 255

■ 246, 255, 249

■ 190, 199, 194

■ 163, 172, 167

■ 137, 145, 141

■ 111, 120, 115

■ 87, 95, 91

■ 64, 71, 67

■ 42, 49, 45

■ 21, 28, 24

■ 0, 0, 0

■ 190, 199, 194

■ 190, 199, 194

■ 170, 199, 183

■ 204, 199, 210

■ 150, 199, 172

■ 213, 199, 230

■ 130, 199, 161

■ 222, 199, 250

■ 110, 199, 149

■ 230, 199, 255

■ 91, 199, 139

■ 239, 199, 255

■ 71, 199, 128

■ 248, 199, 255

■ 51, 199, 117

■ 255, 199, 255

■ 31, 199, 106

■ 11, 199, 95

Harmonies

Analogous

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



192, 201, 188



190, 199, 194



190, 197, 200

Triad

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



190, 199, 194



189, 195, 206



208, 194, 197

Complementary

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



190, 199, 194



194, 190, 199

Split Complementary

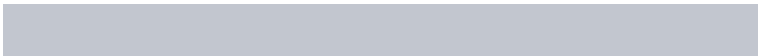
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



205, 195, 201



190, 199, 194



194, 197, 207

Square

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



190, 199, 194



187, 194, 203



200, 196, 205



208, 196, 192

Rectangle

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



190, 199, 194



188, 195, 200



200, 196, 205



207, 195, 198

Sweetspot

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



190, 199, 194



252, 255, 253



199, 197, 190



126, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



190, 199, 194



242, 255, 248



190, 199, 198



93, 99, 95



0, 163, 72



0, 36, 16

Inverse Universe

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



194, 190, 199



248, 242, 255



198, 190, 199



96, 93, 99



73, 0, 163



16, 0, 36

Previews

White Background



This preview shows how the RYB color 190, 199, 194 looks on a white background.

Color Contrast Check

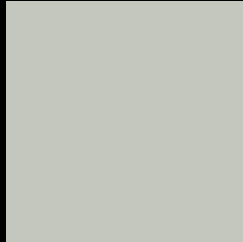
Large Text (above 18pt) WCAG AA × Fail

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, 199, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

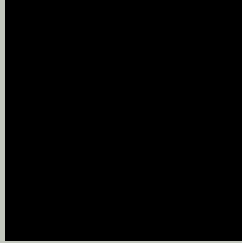
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

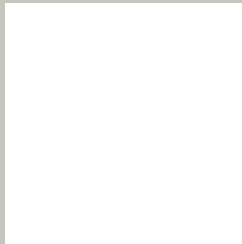
Any Text WCAG AAA ✓ Pass

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

R/Y/B 190, 199, 194 Background



This preview shows how black text looks on a background with the R/Y/B color 190, 199, 194.




This preview shows how white text looks on a background with the R/Y/B color 190, 199, 194.

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
198, 196, 211

Trichromacy



Original Color

190, 199, 194

Protanomaly

191, 200, 189

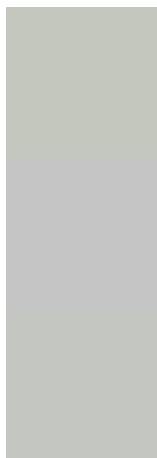
Deuteranomaly

210, 195, 191

Tritanomaly

197, 197, 203

Monochromacy



Original Color

190, 199, 194

Achromatopsia

197, 197, 197

Achromatomaly

194, 198, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 199, 194 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(195, 199, 190) looks like.

```
.text, #text, p{  
    color:rgb(195, 199, 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(195, 199, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 199, 190) }
```

Border

The CSS property to change the border of an element to RYB 190, 199, 194 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(195, 199, 190) }
```

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

```
.border{ border-color:rgb(195, 199, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 199, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 199, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 199, 190);  
box-shadow:4px 4px 4px 4px rgb(195, 199,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 190, 199, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 199, 190) }
```

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

```
.background{ background-color: rgb(195,  
199, 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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