

Converting Colors

`RYB(194, 196, 194)`

Have a look what the booklet for RYB(194, 196, 194) contains.

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Color

R_YB(194, 196, 194)

Conversions

Conversions Part 1

Format	Color
Hex	C4C4C2
RGB	196, 196, 194
RGB Percent	77%, 77%, 76%
CMY	0.2314, 0.2314, 0.2392
CMYK	0.00, 0.00, 0.01, 0.23
HSL	60°, 2%, 76%
HSV	60°, 1%, 77%
XYZ	52.2425, 55.1107, 58.9229
YIQ	195.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

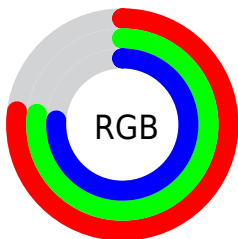
Format	Color
RYB	194, 196, 194
Decimal	12895426
CIELab	79.10, -0.36, 0.99
CIElCh	79, 1.057, 110.022
Yxy	55.1107, 0.3142, 0.3314
Android (android.graphics.Color)	4291085506 (0xFFC4C4C2)
YUV	195.7720, -0.8736, 0.2000
Hunter-Lab	74.2366, -4.2982, 4.9061

Details

The RYB color **194, 196, 194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **194, 194, 196**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **250, 253, 250**, and **140, 142, 140** is the 20% darker color. If you saturate the color by 10%, you get **174, 196, 174**, and if you desaturate by 10%, it is **196, 196, 214**.

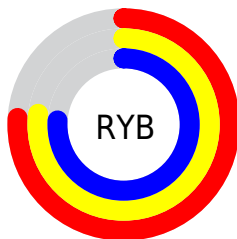
Distribution



Red (77%)

Green (77%)

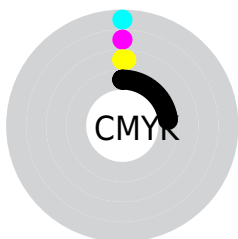
Blue (76%)



Red (76%)

Yellow (77%)

Blue (76%)

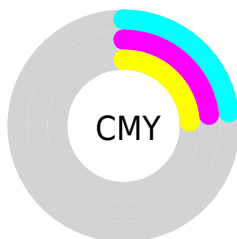


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (23%)



Cyan (23%)


Magenta (23%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the RYB color 194, 196, 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 194, 196, 194 by changing the saturation by 10% instead.


 194, 196, 194

255, 255, 255


 250, 253, 250

 194, 196, 194

 167, 169, 167

 140, 142, 140

 115, 117, 115


 90, 92, 90


 67, 69, 67

 45, 46, 45

 24, 26, 24

 0, 0, 0

 194, 196, 194

 194, 196, 194

■ 174, 196, 174

■ 196, 196, 214

■ 155, 196, 155

■ 196, 196, 233

■ 135, 196, 135

■ 196, 196, 253

■ 116, 196, 116

■ 196, 196, 255

■ 96, 196, 96

■ 76, 196, 76

■ 57, 196, 57

■ 37, 196, 37

■ 18, 196, 18

Harmonies

Analogous

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



196, 197, 194



194, 196, 194



195, 196, 196

Triad

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



194, 196, 194



194, 195, 197



198, 195, 196

Complementary

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



194, 196, 194



194, 194, 196

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.



197, 195, 197



194, 196, 194



195, 196, 198

Square

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



194, 196, 194



194, 195, 196



196, 196, 198



198, 195, 195

Rectangle

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



194, 196, 194



194, 195, 196



196, 196, 198



197, 195, 197

Sweetspot

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



194, 196, 194

255, 255, 255



196, 194, 194



128, 128, 128



0, 0, 0

Same Dimension

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



194, 196, 194



252, 255, 252



194, 196, 195



96, 97, 96



0, 161, 0



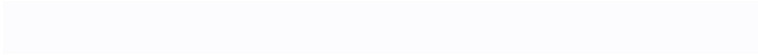
0, 33, 0

Inverse Universe

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



194, 194, 196



252, 252, 255



195, 194, 196



96, 96, 97



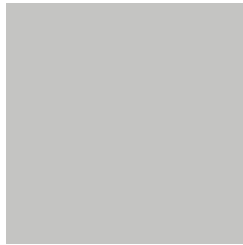
0, 0, 161



0, 0, 33

Previews

White Background



This preview shows how the RYB color 194, 196, 194 looks on a white background.

Color Contrast Check

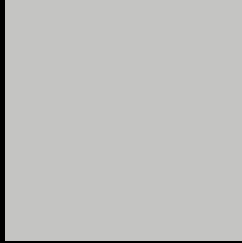
Large Text (above 18pt) WCAG AA × Fail

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 194, 196, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

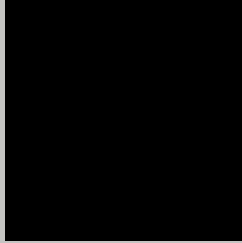
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

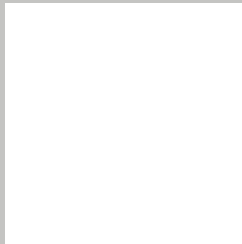
Any Text WCAG AAA ✓ Pass

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

R Y B 194, 196, 194 Background



This preview shows how black text looks on a background with the RYB color 194, 196, 194.



This preview shows how white text looks on a background with the RYB color 194, 196, 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



Original Color
194, 196, 194

Protanopia
200, 196, 193

Deuteranopia
215, 190, 195



Tritanopia
198, 194, 209

Trichromacy



Original Color

194, 196, 194

Protanomaly

199, 196, 193

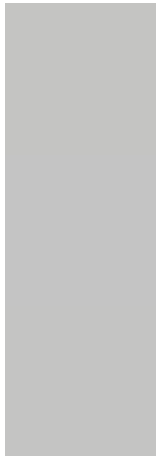
Deuteranomaly

208, 192, 195

Tritanomaly

197, 195, 204

Monochromacy



Original Color

194, 196, 194

Achromatopsia

196, 196, 196

Achromatomaly

195, 196, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 194, 196, 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(196, 196, 194) looks like.

```
.text, #text, p{  
    color:rgb(196, 196, 194)  
}
```

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(196, 196, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 196, 194) }
```

Border

The CSS property to change the border of an element to RYB 194, 196, 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(196, 196, 194) }
```

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

```
.border{ border-color:rgb(196, 196, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 196, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 196, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 196, 194);  
box-shadow:4px 4px 4px 4px rgb(196, 196,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 194, 196, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 196, 194) }
```

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

```
.background{ background-color: rgb(196,  
196, 194) }
```

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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