

Converting Colors

`RYB(198, 199, 198)`

Have a look what the booklet for
RYB(198, 199, 198) contains.

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Color

R_YB(198, 199, 198)

Conversions

Conversions Part 1

Format	Color
Hex	C7C7C6
RGB	199, 199, 198
RGB Percent	78%, 78%, 78%
CMY	0.2196, 0.2196, 0.2235
CMYK	0.00, 0.00, 0.01, 0.22
HSL	60°, 1%, 78%
HSV	60°, 1%, 78%
XYZ	54.1697, 57.0662, 61.5859
YIQ	198.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

Format	Color
R _Y B	198, 199, 198
Decimal	13092806
CIE Lab	80.22, -0.18, 0.49
CIE LCh	80, 0.522, 110.008
Yxy	57.0662, 0.3134, 0.3302
Android (android.graphics.Color)	4291282886 (0xFFC7C7C6)
YUV	198.8860, -0.4368, 0.1000
Hunter-Lab	75.5422, -4.2003, 4.5432

Details

The RYB color **198, 199, 198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **198, 198, 199**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is 255, 255, 255, and **144, 145, 144** is the 20% darker color. If you saturate the color by 10%, you get **178, 199, 178**, and if you desaturate by 10%, it is **199, 199, 218**.

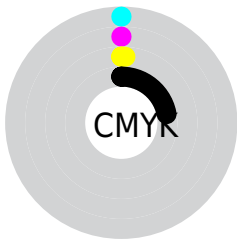
Distribution



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



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 199, 198 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 198, 199, 198 by changing the saturation by 10% instead.

■ 198, 199, 198

255, 255, 255

■ 198, 199, 198

■ 171, 172, 171

■ 144, 145, 144

■ 119, 120, 119

■ 94, 95, 94

■ 70, 71, 70

■ 48, 49, 48


■ 27, 28, 27

■ 0, 1, 0

■ 0, 0, 0

 198, 199, 198

 198, 199, 198

 178, 199, 178

 199, 199, 218

 158, 199, 158

 199, 199, 238

 138, 199, 138

 199, 199, 255

 118, 199, 118

 99, 199, 99

 79, 199, 79

 59, 199, 59

 39, 199, 39

 19, 199, 19

Harmonies

Analogous

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



200, 200, 198



198, 199, 198



198, 199, 199

Triad

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



198, 199, 198



198, 199, 200



200, 199, 199

Complementary

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



198, 199, 198



198, 198, 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.



199, 199, 200



198, 199, 198



198, 199, 200

Square

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



198, 199, 198



198, 199, 199



199, 199, 200



200, 199, 199

Rectangle

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



198, 199, 198



198, 199, 199



199, 199, 200



200, 199, 199

Sweetspot

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



198, 199, 198

255, 255, 255



199, 198, 198



128, 128, 128



0, 0, 0

Same Dimension

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



198, 199, 198



252, 255, 252



98, 99, 98



0, 163, 0



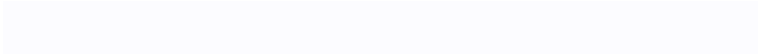
0, 36, 0

Inverse Universe

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



198, 198, 199



252, 252, 255



199, 198, 199



98, 98, 99



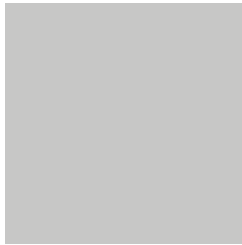
0, 0, 163



0, 0, 36

Previews

White Background



This preview shows how the RYB color 198, 199, 198 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 198, 199, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

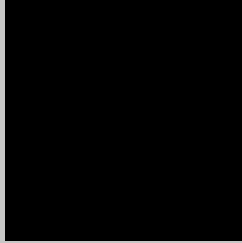
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

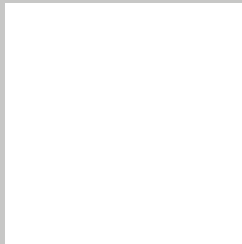
Any Text WCAG AAA ✓ Pass

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

R Y B 198, 199, 198 Background



This preview shows how black text looks on a background with the RYB color 198, 199, 198.



This preview shows how white text looks on a background with the RYB color 198, 199, 198.

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
198, 199, 198

Protanopia
203, 198, 197

Deuteranopia
218, 193, 199



Tritanopia

201, 197, 212

Trichromacy



Original Color

198, 199, 198

Protanomaly

202, 198, 197

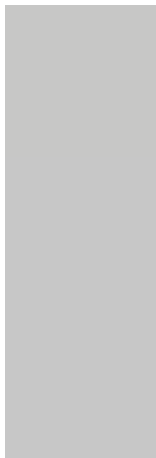
Deuteranomaly

211, 195, 199

Tritanomaly

200, 198, 207

Monochromacy



Original Color

198, 199, 198

Achromatopsia

199, 199, 199

Achromatomaly

199, 199, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 199, 198 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, 199, 198) looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 198)  
}
```

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, 199, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 198) }
```

Border

The CSS property to change the border of an element to RYB 198, 199, 198 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, 199, 198) }
```

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

```
.border{ border-color:rgb(199, 199, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 198);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 198, 199, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 198) }
```

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

```
.background{ background-color: rgb(199,  
199, 198) }
```

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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