

Converting Colors

`RYB(207, 199, 198)`

Have a look what the booklet for
RYB(207, 199, 198) contains.

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Color

R_YB(207, 199, 198)

Conversions

Conversions Part 1

Format	Color
Hex	CFC7C6
RGB	207, 199, 198
RGB Percent	81%, 78%, 78%
CMY	0.1882, 0.2200, 0.2235
CMYK	0.00, 0.04, 0.04, 0.19
HSL	6°, 9%, 79%
HSV	6°, 4%, 81%
XYZ	56.3256, 58.1435, 61.6802
YIQ	201.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

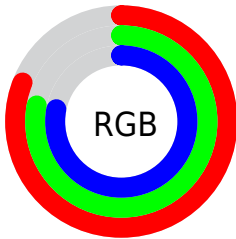
Format	Color
R_{YB}	207, 199, 198
Decimal	13617094
CIE Lab	80.82, 2.66, 1.44
CIE LCh	81, 3.023, 28.520
Yxy	58.1435, 0.3198, 0.3301
Android (android.graphics.Color)	4291807174 (0xFFCFC7C6)
YUV	201.2780, -1.6161, 5.0182
Hunter-Lab	76.2519, -1.5867, 5.4166

Details

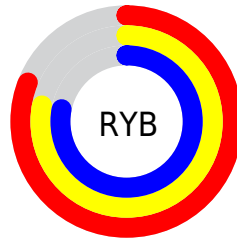
The RYB color **207, 199, 198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **198, 202, 207**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is 255, 255, 255, and **153, 145, 144** is the 20% darker color. If you saturate the color by 10%, you get **207, 180, 177**, and if you desaturate by 10%, it is **207, 213, 219**.

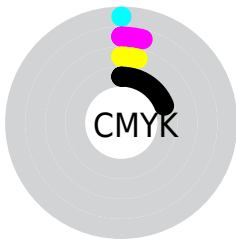
Distribution



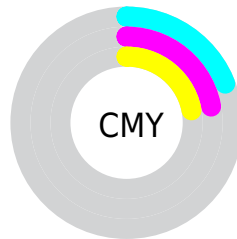
- Red (81%)
- Green (78%)
- Blue (78%)



- Red (81%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 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 207, 199, 198 by changing the saturation by 10% instead.

■ 207, 199, 198

255, 255, 255

■ 207, 199, 198

■ 179, 172, 171

■ 153, 145, 144

■ 127, 119, 119

■ 102, 95, 94


■ 78, 71, 70


■ 55, 49, 48


■ 34, 28, 27

■ 11, 1, 0


■ 0, 0, 0

 207, 199, 198


 207, 199, 198

 207, 180, 177


 207, 213, 219

 207, 163, 157

 207, 222, 239

 207, 144, 136

 207, 231, 255

 207, 125, 115

 207, 107, 95

 207, 88, 74

 207, 70, 53

 207, 52, 32

 207, 33, 12

Harmonies

Analogous

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



206, 199, 201



207, 199, 198



206, 200, 196

Triad

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



207, 199, 198



197, 201, 202



198, 200, 206

Complementary

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



207, 199, 198



198, 202, 207

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.



195, 199, 205



207, 199, 198



195, 199, 202

Square

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



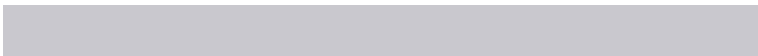
207, 199, 198



196, 201, 197



194, 198, 203



201, 200, 206

Rectangle

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



207, 199, 198



202, 204, 195



194, 198, 203



197, 200, 206

Sweetspot

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



207, 199, 198



255, 254, 252



207, 198, 206



128, 126, 126



0, 0, 0



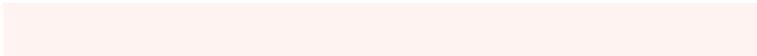
128, 128, 128

Same Dimension

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



207, 199, 198



255, 244, 242



205, 207, 198



105, 99, 98



168, 19, 0



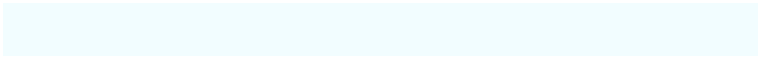
41, 4, 0

Inverse Universe

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



198, 202, 207



242, 248, 255



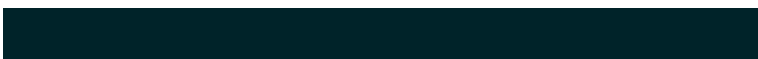
198, 201, 207



98, 101, 105



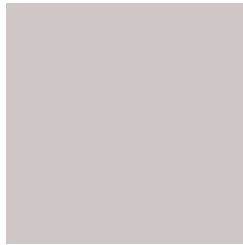
0, 80, 168



0, 19, 41

Previews

White Background



This preview shows how the RYB color 207, 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 207, 199, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

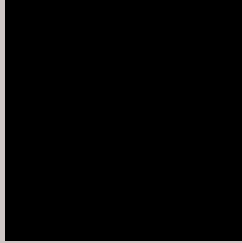
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

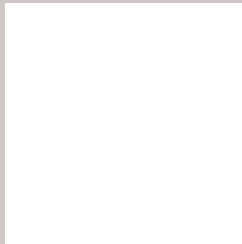
Any Text WCAG AAA ✓ Pass

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

RYB 207, 199, 198 Background



This preview shows how black text looks on a background with the RYB color 207, 199, 198.

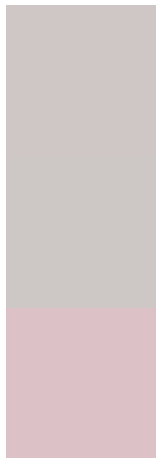


This preview shows how white text looks on a background with the RYB color 207, 199, 198.

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
207, 199, 198

Protanopia
205, 201, 198

Deuteranopia
220, 194, 199



Tritanopia
209, 197, 212

Trichromacy



Original Color

207, 199, 198

Protanomaly

206, 201, 198

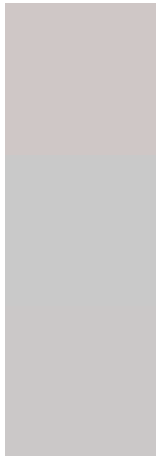
Deuteranomaly

215, 196, 199

Tritanomaly

208, 198, 207

Monochromacy



Original Color

207, 199, 198

Achromatopsia

201, 201, 201

Achromatomaly

203, 200, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 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(207, 199, 198) looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 199, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 199, 198) }
```

Border

The CSS property to change the border of an element to RYB 207, 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(207, 199, 198) }
```

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

```
.border{ border-color:rgb(207, 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(207, 199, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 199, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 199, 198);  
box-shadow:4px 4px 4px 4px rgb(207, 199,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 207, 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(207, 199, 198) }
```

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

```
.background{ background-color: rgb(207,  
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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