

Converting Colors

`RYB(211, 199, 197)`

Have a look what the booklet for
RYB(211, 199, 197) contains.

RYB(211, 199, 197)	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

$\text{RYB}(211, 199, 197)$

Conversions

Conversions Part 1

Format	Color
Hex	D3C7C5
RGB	211, 199, 197
RGB Percent	83%, 78%, 77%
CMY	0.1725, 0.2206, 0.2275
CMYK	0.00, 0.06, 0.07, 0.17
HSL	7°, 14%, 80%
HSV	7°, 7%, 83%
XYZ	57.3080, 58.6120, 61.1161
YIQ	202.3600, 7.7940, 1.9220

Conversions

Conversions Part 2

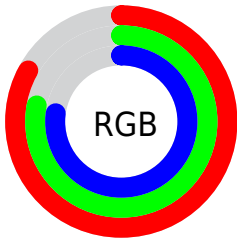
Format	Color
R _Y B	211, 199, 197
Decimal	13879237
CIE Lab	81.08, 3.97, 2.40
CIE LCh	81, 4.634, 31.146
Yxy	58.6120, 0.3237, 0.3311
Android (android.graphics.Color)	4292069317 (0xFFD3C7C5)
YUV	202.3600, -2.6425, 7.5773
Hunter-Lab	76.5585, -0.3609, 6.2601

Details

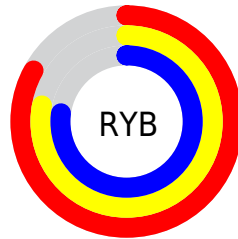
The RYB color **211, 199, 197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **197, 203, 211**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is 254, 255, 254, and **156, 145, 143** is the 20% darker color. If you saturate the color by 10%, you get **211, 181, 176**, and if you desaturate by 10%, it is **211, 214, 218**.

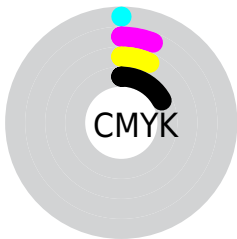
Distribution



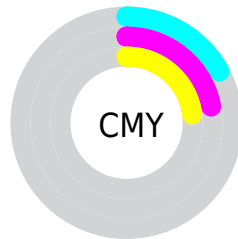
- Red (83%)
- Green (78%)
- Blue (77%)



- Red (83%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 199, 197 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 211, 199, 197 by changing the saturation by 10% instead.

 211, 199, 197

255, 255, 255

254, 255, 254


 211, 199, 197

 183, 171, 170

 156, 145, 143

 130, 119, 118

 105, 95, 93

 81, 71, 70

 58, 49, 47

 36, 28, 27

 16, 1, 0

 0, 0, 0

■ 211, 199, 197

■ 211, 199, 197

■ 211, 181, 176

■ 211, 214, 218

■ 211, 163, 155

■ 211, 224, 239

■ 211, 144, 134

■ 211, 233, 255

■ 211, 127, 113

■ 211, 233, 255

■ 211, 108, 92

■ 211, 91, 70

■ 211, 73, 49

■ 211, 54, 28

■ 211, 37, 7

Harmonies

Analogous

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



210, 199, 201



211, 199, 197



209, 204, 194

Triad

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



211, 199, 197



195, 202, 204



197, 201, 210

Complementary

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



211, 199, 197



197, 203, 211

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.



193, 199, 209



211, 199, 197



192, 199, 204

Square

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



211, 199, 197



194, 202, 196



191, 198, 206



203, 200, 209

Rectangle

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



211, 199, 197



204, 207, 193



191, 198, 206



196, 200, 210

Sweetspot

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



211, 199, 197



255, 251, 250



211, 197, 209



128, 125, 125



0, 0, 0



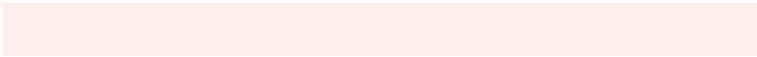
128, 128, 128

Same Dimension

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



211, 199, 197



255, 237, 235



205, 211, 197



105, 95, 94



168, 24, 0



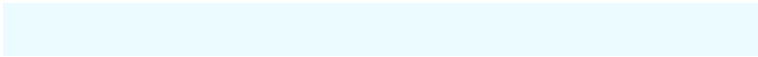
41, 6, 0

Inverse Universe

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



197, 203, 211



235, 244, 255



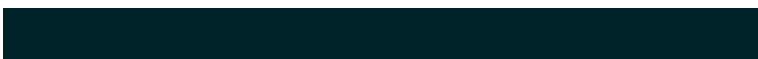
197, 201, 211



94, 99, 105



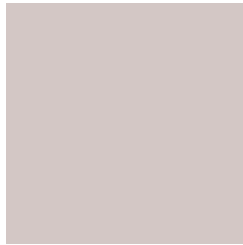
0, 78, 168



0, 19, 41

Previews

White Background



This preview shows how the RYB color 211, 199, 197 looks on a white background.

Color Contrast Check

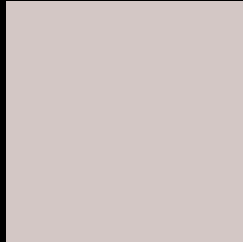
Large Text (above 18pt) WCAG AA × Fail

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 211, 199, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

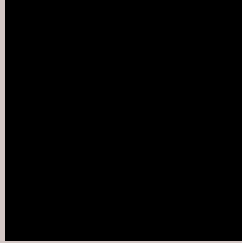
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

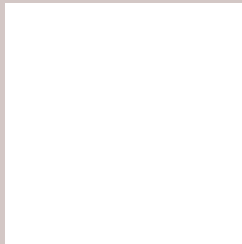
Any Text WCAG AAA ✓ Pass

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

RYB 211, 199, 197 Background



This preview shows how black text looks on a background with the RYB color 211, 199, 197.



This preview shows how white text looks on a background with the RYB color 211, 199, 197.

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
211, 199, 197

Protanopia
206, 201, 198

Deuteranopia
222, 195, 198



Tritanopia
213, 196, 212

Trichromacy



Original Color

211, 199, 197

Protanomaly

208, 201, 198

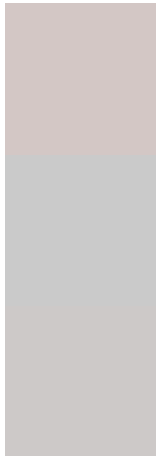
Deuteranomaly

218, 196, 198

Tritanomaly

212, 197, 207

Monochromacy



Original Color

211, 199, 197

Achromatopsia

202, 202, 202

Achromatomaly

205, 201, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 199, 197 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(211, 199, 197) looks like.

```
.text, #text, p{  
    color:rgb(211, 199, 197)  
}
```

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(211, 199, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 199, 197) }
```

Border

The CSS property to change the border of an element to RYB 211, 199, 197 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(211, 199, 197) }
```

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

```
.border{ border-color:rgb(211, 199, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 199, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 199, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 199, 197); box-shadow:4px 4px 4px 4px rgb(211, 199, 197) }
```

Background

The CSS property to change the background color of an element to RYB 211, 199, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 199, 197) }
```

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

```
.background{ background-color: rgb(211,  
199, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor