

Converting Colors

`RYB(213, 199, 204)`

Have a look what the booklet for RYB(213, 199, 204) contains.

RYB(213, 199, 204)	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

R_YB(213, 199, 204)

Conversions

Conversions Part 1

Format	Color
Hex	D5C7CC
RGB	213, 199, 204
RGB Percent	84%, 78%, 80%
CMY	0.1647, 0.2196, 0.2000
CMYK	0.00, 0.07, 0.04, 0.16
HSL	339°, 14%, 81%
HSV	339°, 7%, 84%
XYZ	58.7631, 59.3526, 65.4858
YIQ	203.7560, 6.7390, 4.5230

Conversions

Conversions Part 2

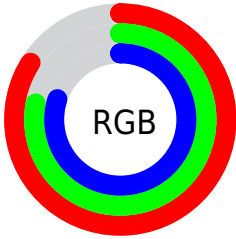
Format	Color
R _Y B	213, 199, 204
Decimal	14010316
CIE Lab	81.49, 5.76, -0.74
CIE LCh	81, 5.804, 352.644
Yxy	59.3526, 0.3201, 0.3233
Android (android.graphics.Color)	4292200396 (0xFFD5C7CC)
YUV	203.7560, 0.1203, 8.1070
Hunter-Lab	77.0406, 1.3305, 3.5310

Details

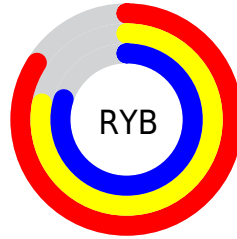
The RYB color **213, 199, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 208, 213**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is 255, 255, 255, and **158, 145, 150** is the 20% darker color. If you saturate the color by 10%, you get **213, 178, 190**, and if you desaturate by 10%, it is **213, 217, 220**.

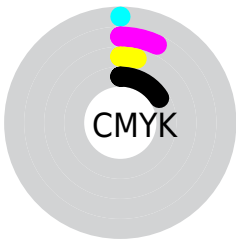
Distribution



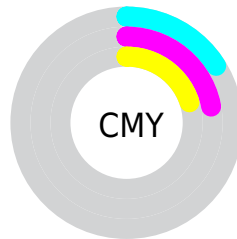
- Red (84%)
- Green (78%)
- Blue (80%)



- Red (84%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 199, 204 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 213, 199, 204 by changing the saturation by 10% instead.

■ 213, 199, 204

255, 255, 255

■ 213, 199, 204

■ 185, 172, 177

■ 158, 145, 150

■ 132, 119, 124

■ 107, 95, 99

■ 83, 71, 75

■ 60, 49, 53

■ 38, 28, 32

■ 18, 1, 7

■ 0, 0, 0

■ 213, 199, 204

■ 213, 199, 204

■ 213, 178, 190

■ 213, 217, 220

■ 213, 156, 177

■ 213, 231, 242

■ 213, 135, 163

■ 213, 237, 255

■ 213, 114, 149

■ 213, 234, 255

■ 213, 93, 136

■ 213, 71, 122

■ 213, 50, 108

■ 213, 29, 94

■ 213, 7, 81

Harmonies

Analogous

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



208, 200, 209



213, 199, 204



215, 199, 198

Triad

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



213, 199, 204



192, 203, 192



191, 199, 211

Complementary

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



213, 199, 204



199, 208, 213

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.



189, 198, 206



213, 199, 204



196, 205, 205

Square

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



213, 199, 204



204, 209, 192



191, 200, 206



196, 201, 213

Rectangle

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



213, 199, 204



214, 202, 195



191, 200, 206



190, 199, 210

Sweetspot

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



213, 199, 204



255, 250, 252



208, 199, 213



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

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



213, 199, 204



255, 235, 242



213, 201, 199



107, 96, 100



171, 0, 61



43, 0, 15

Inverse Universe

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



213, 199, 204



255, 235, 242



199, 205, 213



107, 96, 100



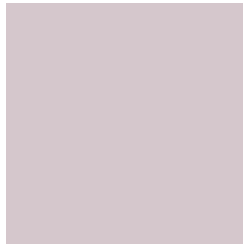
171, 0, 61



43, 0, 15

Previews

White Background



This preview shows how the RYB color 213, 199, 204 looks on a white background.

Color Contrast Check

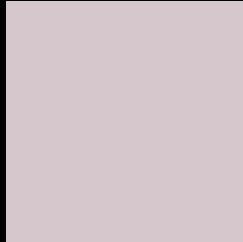
Large Text (above 18pt) WCAG AA × Fail

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 213, 199, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

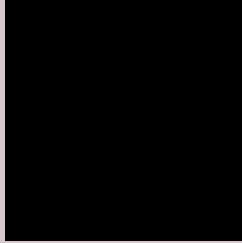
Any Text WCAG AA ✓ Pass

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 213, 199, 204 Background



This preview shows how black text looks on a background with the RYB color 213, 199, 204.

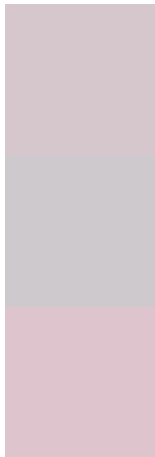


This preview shows how white text looks on a background with the RYB color 213, 199, 204.

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
213, 199, 204

Protanopia
205, 201, 205

Deuteranopia
221, 196, 205



Tritanopia
214, 198, 213

Trichromacy



Original Color

213, 199, 204

Protanomaly

208, 200, 205

Deuteranomaly

218, 197, 205

Tritanomaly

214, 198, 210

Monochromacy



Original Color

213, 199, 204

Achromatopsia

204, 204, 204

Achromatomaly

207, 202, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 199, 204 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(213, 199, 204) looks like.

```
.text, #text, p{  
    color:rgb(213, 199, 204)  
}
```

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(213, 199, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 199, 204) }
```

Border

The CSS property to change the border of an element to RYB 213, 199, 204 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(213, 199, 204) }
```

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

```
.border{ border-color:rgb(213, 199, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 199, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 199, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 199, 204);  
box-shadow:4px 4px 4px 4px rgb(213, 199,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 213, 199, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 199, 204) }
```

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

```
.background{ background-color: rgb(213,  
199, 204) }
```

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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