

Converting Colors

`RYB(207, 196, 202)`

Have a look what the booklet for
RYB(207, 196, 202) contains.

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Color

R_YB(207, 196, 202)

Conversions

Conversions Part 1

Format	Color
Hex	CFC4CA
RGB	207, 196, 202
RGB Percent	81%, 77%, 79%
CMY	0.1882, 0.2314, 0.2078
CMYK	0.00, 0.05, 0.02, 0.19
HSL	327°, 10%, 79%
HSV	327°, 5%, 81%
XYZ	56.1327, 57.0095, 63.9225
YIQ	199.9730, 4.6300, 4.1980

Conversions

Conversions Part 2

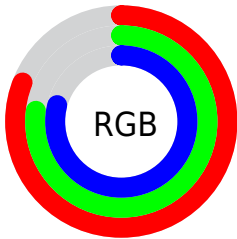
Format	Color
R_{YB}	207, 196, 202
Decimal	13616330
CIE _{Lab}	80.18, 4.91, -1.63
CIE _{LCh}	80, 5.171, 341.621
Yxy	57.0095, 0.3170, 0.3220
Android (android.graphics.Color)	4291806410 (0xFFCFC4CA)
YUV	199.9730, 0.9993, 6.1627
Hunter-Lab	75.5046, 0.5698, 2.6581

Details

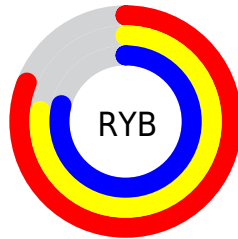
The RYB color **207, 196, 202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **196, 204, 207**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is 255, 253, 255, and **153, 142, 148** is the 20% darker color. If you saturate the color by 10%, you get **207, 175, 193**, and if you desaturate by 10%, it is **207, 214, 217**.

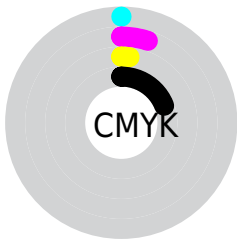
Distribution



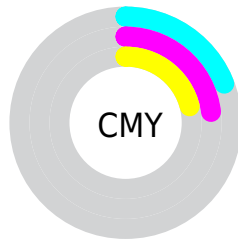
- Red (81%)
- Green (77%)
- Blue (79%)



- Red (81%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 196, 202 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, 196, 202 by changing the saturation by 10% instead.

■ 207, 196, 202

255, 255, 255

■ 255, 253, 255

■ 207, 196, 202

■ 179, 169, 175

■ 153, 142, 148

■ 127, 117, 122

■ 102, 92, 97

■ 78, 69, 74

■ 55, 46, 51

■ 34, 26, 30

■ 12, 0, 5

■ 0, 0, 0

■ 207, 196, 202

■ 207, 196, 202

■ 207, 175, 193

■ 207, 214, 217

■ 207, 155, 183

■ 207, 227, 237

■ 207, 134, 174

■ 207, 239, 255

■ 207, 113, 164

■ 207, 235, 255

■ 207, 93, 155

■ 207, 233, 255

■ 207, 72, 146

■ 207, 231, 255

■ 207, 51, 136

■ 207, 30, 127

■ 207, 10, 117

Harmonies

Analogous

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



202, 197, 206



207, 196, 202



210, 196, 197

Triad

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



207, 196, 202



191, 201, 189



188, 195, 205

Complementary

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



207, 196, 202



196, 204, 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.



188, 195, 202



207, 196, 202



192, 201, 198

Square

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



207, 196, 202



206, 206, 190



190, 198, 202



191, 197, 208

Rectangle

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



207, 196, 202



210, 196, 194



190, 198, 202



187, 195, 204

Sweetspot

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



207, 196, 202



255, 250, 253



201, 196, 207



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

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



207, 196, 202



255, 240, 248



207, 196, 197



105, 97, 101



168, 0, 92



41, 0, 22

Inverse Universe

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



207, 196, 202



255, 240, 248



196, 202, 207



105, 97, 101



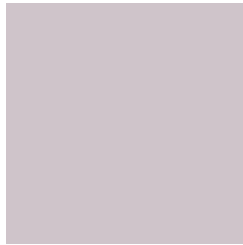
168, 0, 92



41, 0, 22

Previews

White Background



This preview shows how the RYB color 207, 196, 202 looks on a white background.

Color Contrast Check

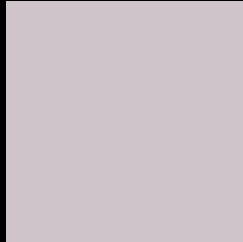
Large Text (above 18pt) WCAG AA × Fail

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, 196, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

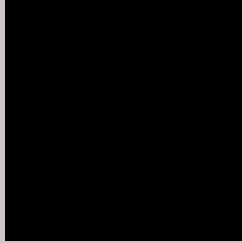
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

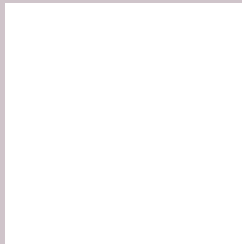
Any Text WCAG AAA ✓ Pass

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

R Y B 207, 196, 202 Background



This preview shows how black text looks on a background with the R Y B color 207, 196, 202.



This preview shows how white text looks on a background with the R Y B color 207, 196, 202.

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, 196, 202](#)

Protanopia
[201, 198, 203](#)

Deuteranopia
[216, 193, 203](#)



Tritanopia
208, 195, 210

Trichromacy



Original Color

207, 196, 202

Protanomaly

203, 197, 203

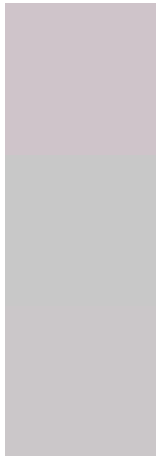
Deuteranomaly

213, 194, 203

Tritanomaly

208, 195, 207

Monochromacy



Original Color

207, 196, 202

Achromatopsia

200, 200, 200

Achromatomaly

203, 199, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 196, 202 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, 196, 202) looks like.

```
.text, #text, p{  
    color:rgb(207, 196, 202)  
}
```

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, 196, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 202) }
```

Border

The CSS property to change the border of an element to RYB 207, 196, 202 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, 196, 202) }
```

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

```
.border{ border-color:rgb(207, 196, 202) }
```

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

Here you see how a box with a 4 pixel rgb(207, 196, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 196, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 196, 202);  
box-shadow:4px 4px 4px 4px rgb(207, 196,  
202) }
```

Background

The CSS property to change the background color of an element to RYB 207, 196, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 202) }
```

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

```
.background{ background-color: rgb(207,  
196, 202) }
```

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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