

Converting Colors

`RYB(207, 192, 210)`

Have a look what the booklet for
RYB(207, 192, 210) contains.

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Color

R_YB(207, 192, 210)

Conversions

Conversions Part 1

Format	Color
Hex	CFC0D2
RGB	207, 192, 210
RGB Percent	81%, 75%, 82%
CMY	0.1882, 0.2471, 0.1765
CMYK	0.01, 0.09, 0.00, 0.18
HSL	290°, 17%, 79%
HSV	290°, 9%, 82%
XYZ	56.2146, 55.6178, 68.7452
YIQ	198.5370, 3.1620, 8.7780

Conversions

Conversions Part 2

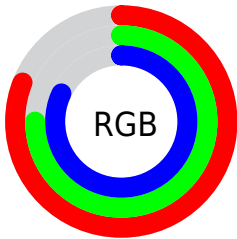
Format	Color
RYP	207, 192, 210
Decimal	13615314
CIELab	79.40, 8.51, -7.10
CIELCh	79, 11.085, 320.166
Yxy	55.6178, 0.3113, 0.3080
Android (android.graphics.Color)	4291805394 (0xFFCFC0D2)
YUV	198.5370, 5.6513, 7.4221
Hunter-Lab	74.5774, 4.0387, -2.4493

Details

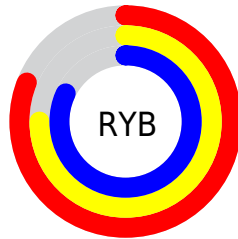
The RYB color **207, 192, 210** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **192, 210, 207**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 248, 255**, and **153, 139, 156** is the 20% darker color. If you saturate the color by 10%, you get **204, 171, 210**, and if you desaturate by 10%, it is **210, 213, 212**.

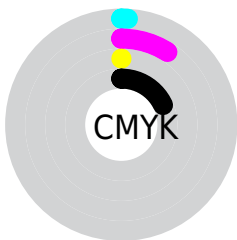
Distribution



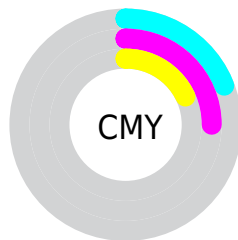
- Red (81%)
- Green (75%)
- Blue (82%)



- Red (81%)
- Yellow (75%)
- Blue (82%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)




- Cyan (19%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 192, 210 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, 192, 210 by changing the saturation by 10% instead.

 207, 192, 210

255, 255, 255

 255, 248, 255

 207, 192, 210

 179, 165, 182


 153, 139, 156

 127, 113, 130

 102, 89, 104

 78, 65, 80

 55, 43, 57

 33, 23, 36

 8, 0, 14

 0, 0, 0

■ 207, 192, 210

■ 207, 192, 210

■ 204, 171, 210

■ 210, 213, 212

■ 200, 150, 210

■ 210, 234, 230

■ 197, 129, 210

■ 210, 255, 248

■ 193, 108, 210

■ 210, 255, 244

■ 190, 87, 210

■ 210, 255, 241

■ 186, 66, 210

■ 210, 255, 237

■ 183, 45, 210

■ 210, 255, 234

■ 179, 24, 210

■ 210, 255, 230

■ 176, 3, 210

■ 210, 255, 227

Harmonies

Analogous

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



195, 195, 216



207, 192, 210



216, 190, 201

Triad

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



207, 192, 210



202, 209, 177



171, 187, 203

Complementary

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



207, 192, 210



192, 210, 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.



176, 193, 203



207, 192, 210



177, 198, 177

Square

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



207, 192, 210



217, 197, 181



183, 201, 198



173, 189, 212

Rectangle

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



207, 192, 210



219, 190, 193



183, 201, 198



172, 188, 203

Sweetspot

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



207, 192, 210



254, 247, 255



192, 195, 210



127, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



207, 192, 210



251, 230, 255



210, 192, 204



103, 94, 105



140, 0, 168



34, 0, 41

Inverse Universe

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



210, 192, 195



255, 230, 234



192, 206, 210



105, 94, 96



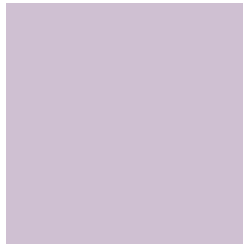
168, 0, 28



41, 0, 7

Previews

White Background



This preview shows how the RYB color 207, 192, 210 looks on a white background.

Color Contrast Check

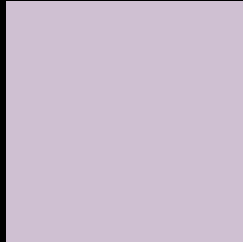
Large Text (above 18pt) WCAG AA × Fail

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, 192, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

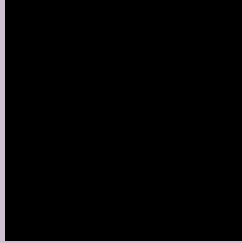
Any Text WCAG AA ✓ Pass

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](#).

RYP 207, 192, 210 Background



This preview shows how black text looks on a background with the RYB color 207, 192, 210.

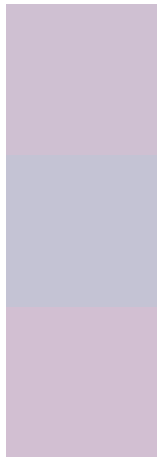


This preview shows how white text looks on a background with the RYB color 207, 192, 210.

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, 192, 210

Protanopia
196, 195, 212

Deuteranopia
210, 191, 210



Tritanopia
207, 192, 208

Trichromacy



Original Color

207, 192, 210

Protanomaly

200, 194, 211

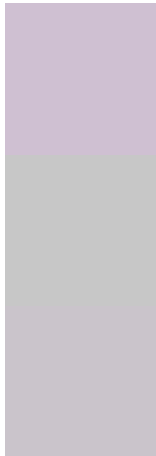
Deuteranomaly

209, 191, 210

Tritanomaly

207, 192, 209

Monochromacy



Original Color

207, 192, 210

Achromatopsia

199, 199, 199

Achromatomaly

202, 196, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 192, 210 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, 192, 210) looks like.

```
.text, #text, p{  
    color:rgb(207, 192, 210)  
}
```

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, 192, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 192, 210) }
```

Border

The CSS property to change the border of an element to RYB 207, 192, 210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

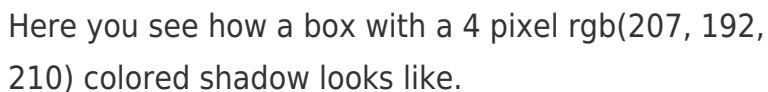
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 192, 210) }
```

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

```
.border{ border-color:rgb(207, 192, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 192, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 192, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 192, 210);  
box-shadow:4px 4px 4px 4px rgb(207, 192,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 207, 192, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 192, 210) }
```

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

```
.background{ background-color: rgb(207,  
192, 210) }
```

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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