

Converting Colors

`RYB(210, 188, 212)`

Have a look what the booklet for RYB(210, 188, 212) contains.

RYB(210, 188, 212)	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(210, 188, 212)

Conversions

Conversions Part 1

Format	Color
Hex	D2BCD4
RGB	210, 188, 212
RGB Percent	82%, 74%, 83%
CMY	0.1765, 0.2627, 0.1686
CMYK	0.01, 0.11, 0.00, 0.17
HSL	295°, 22%, 78%
HSV	295°, 11%, 83%
XYZ	56.4452, 54.4215, 69.8168
YIQ	197.3140, 5.4080, 12.1280

Conversions

Conversions Part 2

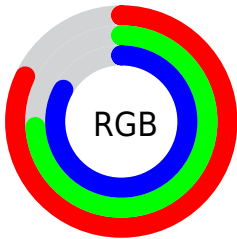
Format	Color
R _Y B	210, 188, 212
Decimal	13810900
CIE Lab	78.71, 12.06, -9.18
CIE LCh	79, 15.150, 322.724
Yxy	54.4215, 0.3124, 0.3012
Android (android.graphics.Color)	4292000980 (0xFFD2BCD4)
YUV	197.3140, 7.2402, 11.1256
Hunter-Lab	73.7710, 7.4786, -4.4723

Details

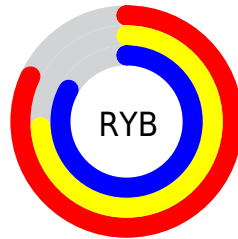
The RYB color **210, 188, 212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **188, 212, 210**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 244, 255**, and **155, 135, 157** is the 20% darker color. If you saturate the color by 10%, you get **208, 167, 212**, and if you desaturate by 10%, it is **212, 209, 212**.

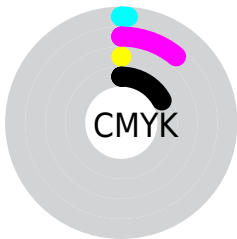
Distribution



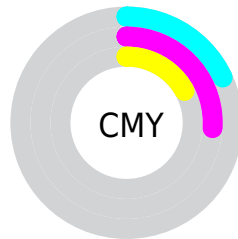
- Red (82%)
- Green (74%)
- Blue (83%)



- Red (82%)
- Yellow (74%)
- Blue (83%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (17%)



- Cyan (18%)
- Magenta (26%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 188, 212 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 210, 188, 212 by changing the saturation by 10% instead.


 210, 188, 212

255, 255, 255

 255, 244, 255

 210, 188, 212

 182, 161, 184


 155, 135, 157

 129, 109, 131

 104, 85, 106

 80, 62, 82

 57, 40, 59


 35, 19, 37

 9, 0, 16

 0, 0, 0

 210, 188, 212

 210, 188, 212

 208, 167, 212


 212, 209, 212

 206, 146, 212


 212, 230, 228

 205, 124, 212

 212, 252, 249

 203, 103, 212

 212, 255, 250

 201, 82, 212


 212, 255, 248

 199, 61, 212

 212, 255, 246

 198, 40, 212

 212, 255, 245

 196, 18, 212

 212, 255, 243

 194, 0, 212

 212, 255, 241

Harmonies

Analogous

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



193, 192, 221



210, 188, 212



221, 185, 199

Triad

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



210, 188, 212



195, 210, 167



159, 181, 205

Complementary

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



210, 188, 212



188, 212, 210

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.



165, 188, 203



210, 188, 212



169, 197, 171

Square

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



210, 188, 212



221, 195, 173



177, 201, 200



162, 185, 217

Rectangle

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



210, 188, 212



225, 185, 189



177, 201, 200



160, 182, 203

Sweetspot

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



210, 188, 212



254, 247, 255



188, 190, 212



127, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



210, 188, 212



252, 219, 255



212, 188, 202



106, 96, 107



157, 0, 171



40, 0, 43

Inverse Universe

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



212, 188, 190



255, 219, 222



188, 205, 212



107, 96, 97



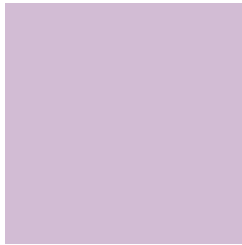
171, 0, 14



43, 0, 4

Previews

White Background



This preview shows how the RYB color 210, 188, 212 looks on a white background.

Color Contrast Check

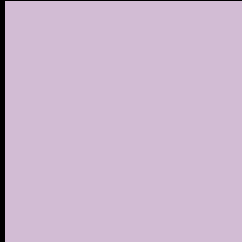
Large Text (above 18pt) WCAG AA × Fail

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 210, 188, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

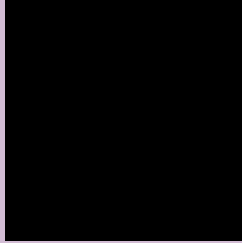
Any Text WCAG AA ✓ Pass

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 210, 188, 212 Background



This preview shows how black text looks on a background with the RYB color 210, 188, 212.



This preview shows how white text looks on a background with the RYB color 210, 188, 212.

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
210, 188, 212

Protanopia
192, 194, 215

Deuteranopia
206, 189, 212



Tritanopia
209, 189, 204

Trichromacy



Original Color
210, 188, 212

Protanomaly
199, 192, 214

Deuteranomaly
207, 189, 212

Tritanomaly
209, 189, 207

Monochromacy



Original Color
210, 188, 212

Achromatopsia
197, 197, 197

Achromatomaly
202, 194, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 188, 212 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(210, 188, 212) looks like.

```
.text, #text, p{  
    color:rgb(210, 188, 212)  
}
```

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(210, 188, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 188, 212) }
```

Border

The CSS property to change the border of an element to RYB 210, 188, 212 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(210, 188, 212) }
```

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

```
.border{ border-color:rgb(210, 188, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 188, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 188, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 188, 212);  
box-shadow:4px 4px 4px 4px rgb(210, 188,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 210, 188, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 188, 212) }
```

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

```
.background{ background-color: rgb(210,  
188, 212) }
```

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