

# Converting Colors

`RYB(251, 210, 212)`

Have a look what the booklet for  
RYB(251, 210, 212) contains.

<b>RYB(251, 210, 212)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**$\text{RYB}(251, 210, 212)$**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBD2D4
RGB	251, 210, 212
RGB Percent	98%, 82%, 83%
CMY	0.0157, 0.1765, 0.1686
CMYK	0.00, 0.16, 0.16, 0.02
HSL	357°, 84%, 90%
HSV	357°, 16%, 98%
XYZ	74.7139, 71.3559, 72.1226
YIQ	222.4870, 23.7940, 9.3140

# Conversions

## Conversions Part 2

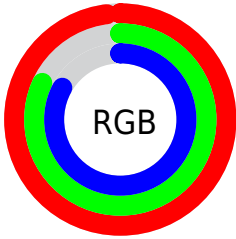
Format	Color
R <sub>Y</sub> B	251, 210, 212
Decimal	16503508
CIE Lab	87.66, 14.65, 4.38
CIE LCh	88, 15.290, 16.641
Yxy	71.3559, 0.3424, 0.3270
Android (android.graphics.Color)	4294693588 (0xFFFB2D4)
YUV	222.4870, -5.1701, 25.0059
Hunter-Lab	84.4724, 10.0525, 8.5089

# Details

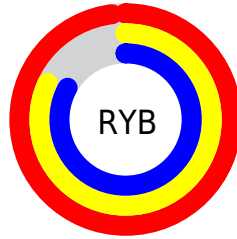
The RYB color **251, 210, 212** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **210, 231, 251**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **194, 155, 157** is the 20% darker color. If you saturate the color by 10%, you get **251, 185, 188**, and if you desaturate by 10%, it is **251, 235, 236**.

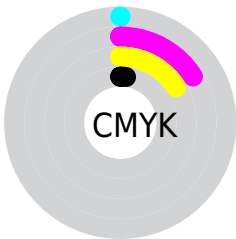
# Distribution



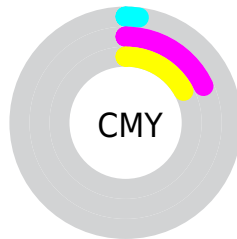
- Red (98%)
- Green (82%)
- Blue (83%)



- Red (98%)
- Yellow (82%)
- Blue (83%)



- Cyan (0%)
- Magenta (16%)
- Yellow (16%)
- Black (2%)



- Cyan (2%)
- Magenta (18%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 251, 210, 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 251, 210, 212 by changing the saturation by 10% instead.




 251, 210, 212


255, 255, 255


 251, 210, 212

 222, 182, 184


 194, 155, 157


 167, 129, 131

 140, 104, 106

 114, 80, 82

 89, 57, 59

 65, 35, 38

 42, 14, 17

 12, 0, 0

251, 210, 212

251, 210, 212

251, 185, 188

251, 235, 236

251, 160, 164

251, 253, 255

251, 135, 140

251, 110, 116

251, 85, 93

251, 59, 69

251, 34, 45

251, 9, 21

251, 0, 12

# Harmonies

## Analogous

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



245, 210, 227



251, 210, 212



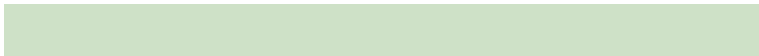
248, 217, 199

# Triad

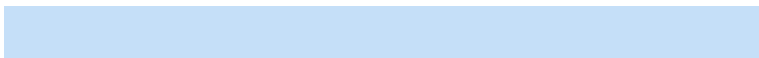
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



251, 210, 212



199, 225, 218



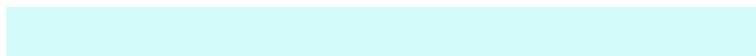
197, 214, 248

# Complementary

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



251, 210, 212



210, 231, 251

# 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.



185, 209, 240



251, 210, 212



191, 214, 228

# Square

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



251, 210, 212



194, 223, 192



183, 206, 228



214, 218, 247

# Rectangle

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



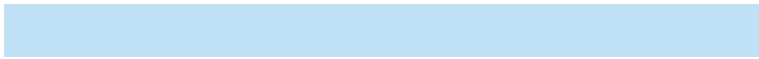
251, 210, 212



242, 233, 193



183, 206, 228



192, 212, 246

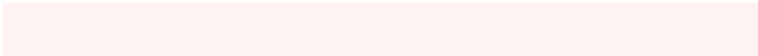


# Sweetspot

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



251, 210, 212



255, 242, 243



249, 210, 251



128, 120, 120



0, 0, 0



128, 128, 128



# Same Dimension

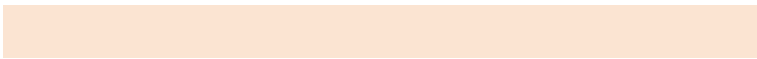
The Same Dimension uses a secret algorithm to generate beautiful new colors.



251, 210, 212



255, 204, 206



251, 242, 210



125, 112, 113



189, 0, 9



61, 0, 3



# Inverse Universe

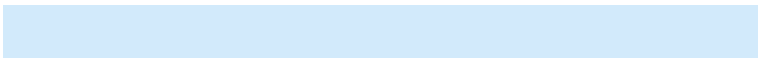
The Inverse Universe completely reimagines the original color for something new.



251, 210, 212



255, 204, 206



210, 225, 251



125, 112, 113



189, 0, 9

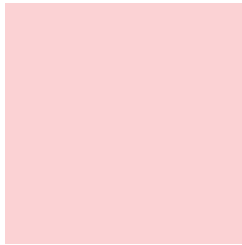


61, 0, 3



# Previews

## White Background



This preview shows how the RYB color 251, 210, 212 looks on a white background.

## Color Contrast Check

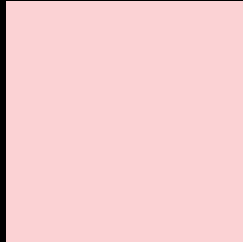
Large Text (above 18pt) WCAG AA × Fail

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 251, 210, 212 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

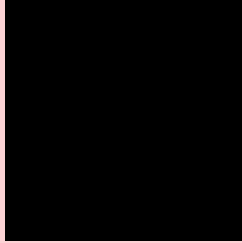
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## **RYB 251, 210, 212 Background**



This preview shows how black text looks on a background with the RYB color 251, 210, 212.



This preview shows how white text looks on a background with the RYB color 251, 210, 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**  
251, 210, 212

**Protanopia**  
224, 220, 217

**Deuteranopia**  
244, 213, 212



**Tritanopia**  
253, 208, 224

# Trichromacy



**Original Color**

251, 210, 212

**Protanomaly**

234, 216, 215

**Deuteranomaly**

247, 212, 212

**Tritanomaly**

252, 209, 220

# Monochromacy



**Original Color**

251, 210, 212

**Achromatopsia**

222, 222, 222

**Achromatomaly**

233, 218, 218

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 251, 210, 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(251, 210, 212) looks like.

```
.text, #text, p{  
    color:rgb(251, 210, 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(251, 210, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 210, 212) }
```

## Border

The CSS property to change the border of an element to RYB 251, 210, 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(251, 210, 212) }
```

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

```
.border{ border-color:rgb(251, 210, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 210, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 210, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 210, 212);  
box-shadow:4px 4px 4px 4px rgb(251, 210,  
212) }
```

# Background

The CSS property to change the background color of an element to RYB 251, 210, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 210, 212) }
```

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

```
.background{ background-color: rgb(251,  
210, 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