

# Converting Colors

`RYB(252, 217, 215)`

Have a look what the booklet for  
RYB(252, 217, 215) contains.

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# **Color**

**R<sub>Y</sub>B(252, 217, 215)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCD9D7
RGB	252, 217, 215
RGB Percent	99%, 85%, 84%
CMY	0.0118, 0.1494, 0.1569
CMYK	0.00, 0.14, 0.15, 0.01
HSL	3°, 86%, 92%
HSV	3°, 15%, 99%
XYZ	77.1971, 75.1746, 74.7314
YIQ	227.2370, 21.5020, 6.7980

# Conversions

## Conversions Part 2

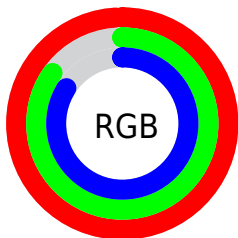
Format	Color
R <sub>Y</sub> B	252, 217, 215
Decimal	16570839
CIE Lab	89.47, 11.87, 5.43
CIE LCh	89, 13.058, 24.592
Yxy	75.1746, 0.3399, 0.3310
Android (android.graphics.Color)	4294760919 (0xFFFCDD9D7)
YUV	227.2370, -6.0328, 21.7172
Hunter-Lab	86.7033, 7.1983, 9.5890

# Details

The RYB color **252, 217, 215** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **215, 233, 252**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **195, 162, 160** is the 20% darker color. If you saturate the color by 10%, you get **252, 193, 190**, and if you desaturate by 10%, it is **252, 241, 240**.

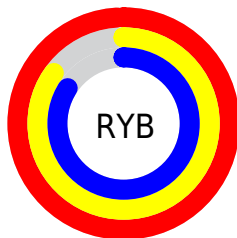
# Distribution



Red (99%)

Green (85%)

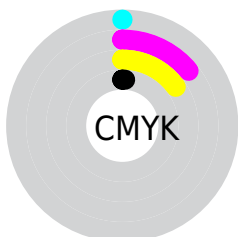
Blue (84%)



Red (99%)

Yellow (85%)

Blue (84%)

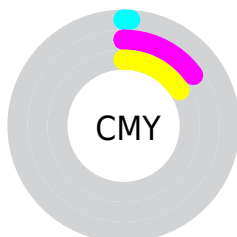


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (1%)



Cyan (1%)

Magenta (15%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 252, 217, 215 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 252, 217, 215 by changing the saturation by 10% instead.



 252, 217, 215


255, 255, 255

 252, 217, 215

 223, 189, 187

 195, 162, 160


 168, 136, 134

 141, 110, 109

 115, 86, 85

 90, 63, 61

 66, 40, 40

 43, 20, 19

 21, 0, 0

252, 217, 215

252, 217, 215

252, 193, 190

252, 241, 240

252, 169, 165

252, 254, 255

252, 145, 139

252, 121, 114

252, 97, 89

252, 73, 64

252, 51, 39

252, 27, 13

252, 14, 0

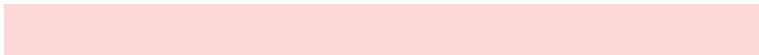
# Harmonies

## Analogous

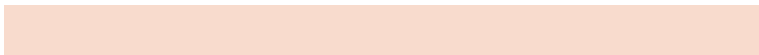
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 217, 228



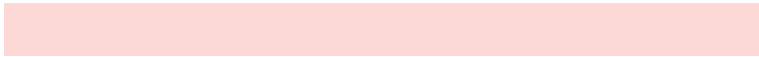
252, 217, 215



248, 226, 205

# Triad

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



252, 217, 215



210, 231, 231



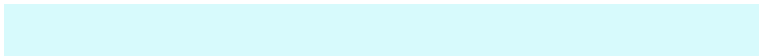
209, 221, 249

# Complementary

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



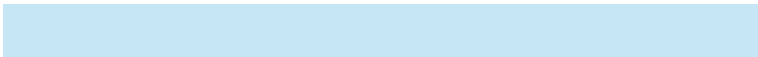
252, 217, 215



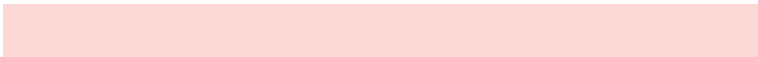
215, 233, 252

# 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.



198, 217, 245



252, 217, 215



198, 218, 232

# Square

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



252, 217, 215



202, 227, 205



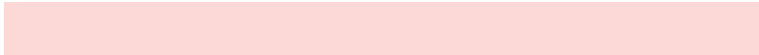
194, 214, 235



225, 222, 247

# Rectangle

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



252, 217, 215



240, 242, 201



194, 214, 235

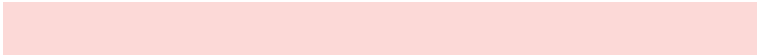


205, 220, 249



# Sweetspot

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



252, 217, 215



255, 245, 245



252, 215, 250



128, 121, 121



0, 0, 0



128, 128, 128



# Same Dimension

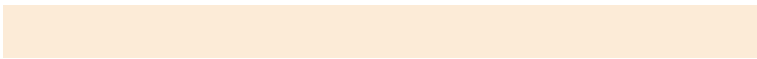
The Same Dimension uses a secret algorithm to generate beautiful new colors.



252, 217, 215



255, 211, 209



246, 252, 215



125, 113, 112



189, 11, 0



61, 3, 0

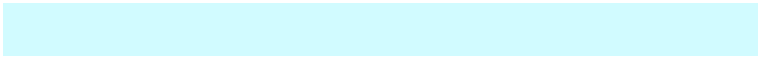


# Inverse Universe

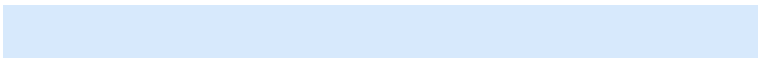
The Inverse Universe completely reimagines the original color for something new.



215, 233, 252



209, 231, 255



215, 227, 252



112, 118, 125



0, 92, 189

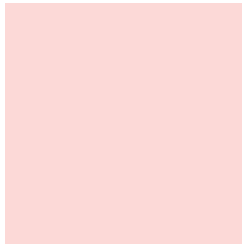


0, 30, 61



# Previews

## White Background



This preview shows how the RYB color 252, 217, 215 looks on a white background.

## Color Contrast Check

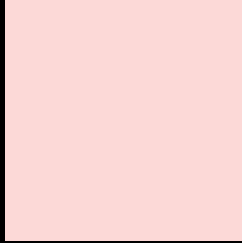
Large Text (above 18pt) WCAG AA × Fail

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 252, 217, 215 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

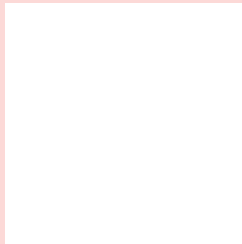
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 252, 217, 215 Background**



This preview shows how black text looks on a background with the RYB color 252, 217, 215.




This preview shows how white text looks on a background with the RYB color 252, 217, 215.

# 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

	<b>Original Color</b> 252, 217, 215
	<b>Protanopia</b> 230, 228, 219
	<b>Deuteranopia</b> 251, 217, 215



**Tritanopia**  
254, 214, 231

# Trichromacy



**Original Color**  
252, 217, 215

**Protanomaly**  
238, 222, 218

**Deuteranomaly**  
251, 217, 215

**Tritanomaly**  
253, 215, 225

# Monochromacy



**Original Color**  
252, 217, 215

**Achromatopsia**  
227, 227, 227

**Achromatomaly**  
236, 223, 223

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 252, 217, 215 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(252, 217, 215) looks like.

```
.text, #text, p{  
    color:rgb(252, 217, 215)  
}
```

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(252, 217, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 217, 215) }
```

## Border

The CSS property to change the border of an element to RYB 252, 217, 215 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(252, 217, 215) }
```

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

```
.border{ border-color:rgb(252, 217, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 217, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 217, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 217, 215);  
box-shadow:4px 4px 4px 4px rgb(252, 217,  
215) }
```

# Background

The CSS property to change the background color of an element to RYB 252, 217, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 217, 215) }
```

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

```
.background{ background-color: rgb(252,  
217, 215) }
```

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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