

Converting Colors

`RYB(250, 216, 213)`

Have a look what the booklet for
RYB(250, 216, 213) contains.

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Color

R_YB(250, 216, 213)

Conversions

Conversions Part 1

Format	Color
Hex	FAD8D5
RGB	250, 216, 213
RGB Percent	98%, 85%, 84%
CMY	0.0196, 0.1538, 0.1647
CMYK	0.00, 0.14, 0.15, 0.02
HSL	4°, 79%, 91%
HSV	4°, 15%, 98%
XYZ	75.9328, 74.1246, 73.2562
YIQ	225.8240, 21.2270, 6.2750

Conversions

Conversions Part 2

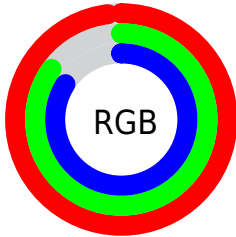
Format	Color
R _Y B	250, 216, 213
Decimal	16439509
CIE Lab	88.98, 11.44, 5.75
CIE LCh	89, 12.805, 26.695
Yxy	74.1246, 0.3400, 0.3319
Android (android.graphics.Color)	4294629589 (0xFF FAD8D5)
YUV	225.8240, -6.3222, 21.2024
Hunter-Lab	86.0956, 6.7623, 9.8189

Details

The RYB color **250, 216, 213** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **213, 231, 250**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **193, 161, 158** is the 20% darker color. If you saturate the color by 10%, you get **250, 193, 188**, and if you desaturate by 10%, it is **250, 239, 238**.

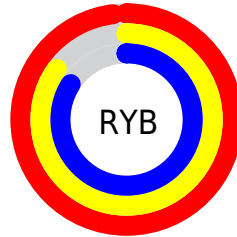
Distribution



Red (98%)

Green (85%)

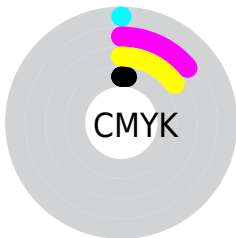
Blue (84%)



Red (98%)

Yellow (85%)

Blue (84%)

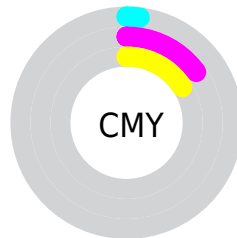


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (2%)



Cyan (2%)

Magenta (15%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 250, 216, 213 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 250, 216, 213 by changing the saturation by 10% instead.

 250, 216, 213

255, 255, 255

 250, 216, 213

 221, 188, 185

 193, 161, 158

 166, 135, 132

 139, 109, 107

 113, 85, 83

 88, 62, 60

 64, 40, 38

 42, 19, 18

 17, 0, 0

250, 216, 213

250, 216, 213

250, 193, 188

250, 239, 238

250, 171, 163

250, 253, 255

250, 147, 138

250, 124, 113

250, 101, 88

250, 78, 63

250, 55, 38

250, 32, 13

250, 21, 0

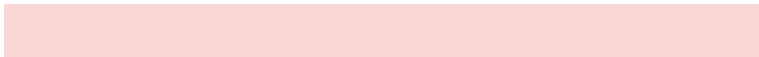
Harmonies

Analogous

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



248, 215, 225



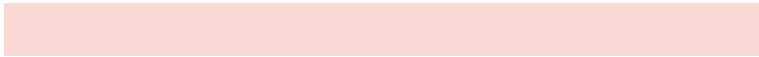
250, 216, 213



245, 226, 203

Triad

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



250, 216, 213



208, 227, 229



209, 220, 248

Complementary

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



250, 216, 213



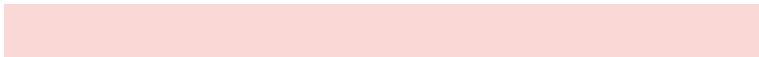
213, 231, 250

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.



197, 216, 243



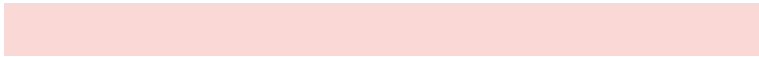
250, 216, 213



197, 217, 231

Square

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



250, 216, 213



202, 226, 206



193, 212, 234



224, 221, 245

Rectangle

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



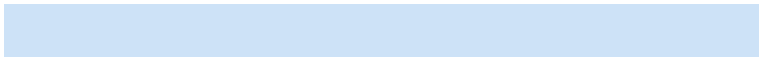
250, 216, 213



233, 239, 200



193, 212, 234



205, 219, 247

Sweetspot

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



250, 216, 213



255, 246, 245



250, 213, 248



128, 122, 121



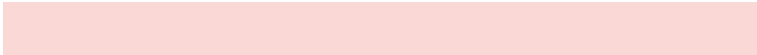
0, 0, 0



128, 128, 128

Same Dimension

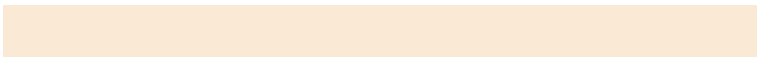
The Same Dimension uses a secret algorithm to generate beautiful new colors.



250, 216, 213



255, 213, 209



241, 250, 213



125, 113, 112



189, 15, 0



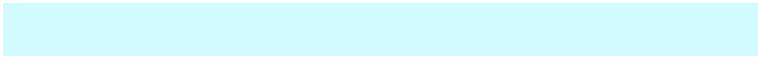
61, 5, 0

Inverse Universe

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



213, 231, 250



209, 231, 255



213, 224, 250



112, 118, 125



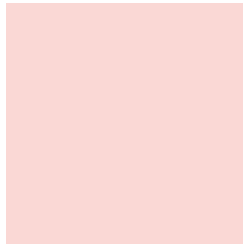
0, 91, 189



0, 29, 61

Previews

White Background



This preview shows how the RYB color 250, 216, 213 looks on a white background.

Color Contrast Check

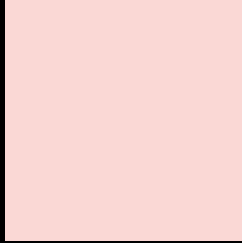
Large Text (above 18pt) WCAG AA × Fail

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 250, 216, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

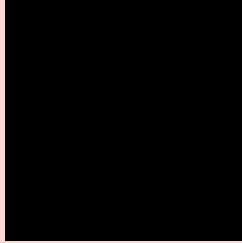
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

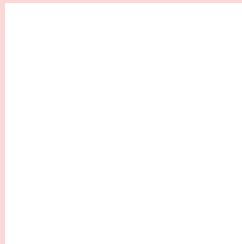
Any Text WCAG AAA ✓ Pass

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

RYB 250, 216, 213 Background



This preview shows how black text looks on a background with the RYB color 250, 216, 213.

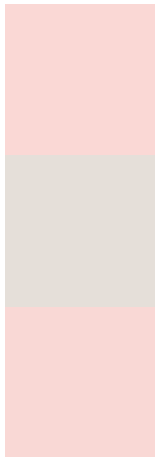


This preview shows how white text looks on a background with the RYB color 250, 216, 213.

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
250, 216, 213

Protanopia
229, 229, 217

Deuteranopia
249, 216, 213



Tritanopia
252, 213, 230

Trichromacy



Original Color

250, 216, 213

Protanomaly

237, 221, 216

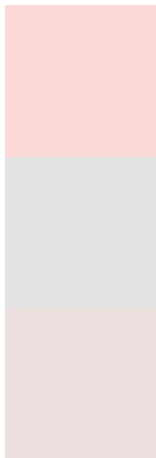
Deuteranomaly

249, 216, 213

Tritanomaly

251, 214, 224

Monochromacy



Original Color

250, 216, 213

Achromatopsia

226, 226, 226

Achromatomaly

235, 222, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 216, 213 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(250, 216, 213) looks like.

```
.text, #text, p{  
    color:rgb(250, 216, 213)  
}
```

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(250, 216, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 216, 213) }
```

Border

The CSS property to change the border of an element to RYB 250, 216, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

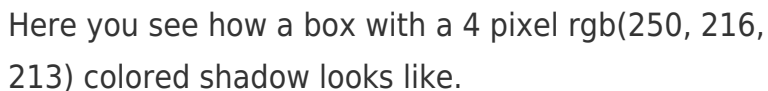
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(250, 216, 213) }
```

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

```
.border{ border-color:rgb(250, 216, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(250, 216, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 216, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 216, 213); box-shadow:4px 4px 4px 4px rgb(250, 216, 213) }
```

Background

The CSS property to change the background color of an element to RYB 250, 216, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 216, 213) }
```

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

```
.background{ background-color: rgb(250,  
216, 213) }
```

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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