

Converting Colors

`RYB(250, 218, 215)`

Have a look what the booklet for RYB(250, 218, 215) contains.

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Color

R_YB(250, 218, 215)

Conversions

Conversions Part 1

Format	Color
Hex	FADAD7
RGB	250, 218, 215
RGB Percent	98%, 85%, 84%
CMY	0.0196, 0.1460, 0.1569
CMYK	0.00, 0.13, 0.14, 0.02
HSL	5°, 78%, 91%
HSV	5°, 14%, 98%
XYZ	76.7001, 75.2503, 74.7722
YIQ	227.2260, 20.0350, 5.8510

Conversions

Conversions Part 2

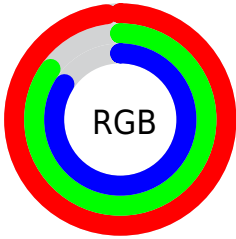
Format	Color
R _Y B	250, 218, 215
Decimal	16440023
CIE Lab	89.51, 10.72, 5.46
CIE LCh	90, 12.030, 27.009
Yxy	75.2503, 0.3383, 0.3319
Android (android.graphics.Color)	4294630103 (0xFFFAADAD7)
YUV	227.2260, -6.0274, 19.9728
Hunter-Lab	86.7470, 6.0193, 9.6174

Details

The RYB color **250, 218, 215** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **215, 232, 250**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **193, 163, 160** is the 20% darker color. If you saturate the color by 10%, you get **250, 195, 190**, and if you desaturate by 10%, it is **250, 241, 240**.

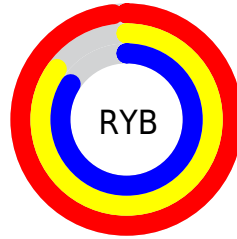
Distribution



Red (98%)

Green (85%)

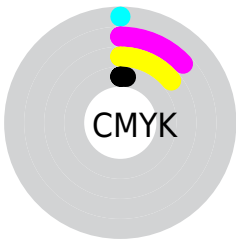
Blue (84%)



Red (98%)

Yellow (85%)

Blue (84%)

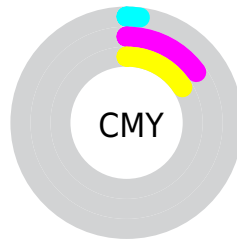


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (2%)



Cyan (2%)

Magenta (15%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 250, 218, 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 250, 218, 215 by changing the saturation by 10% instead.


 250, 218, 215

255, 255, 255

 250, 218, 215

 221, 190, 187

 193, 163, 160

 166, 137, 134

 139, 111, 109

 113, 87, 85

 89, 63, 61


 65, 41, 40

 42, 21, 19


 20, 0, 0

 250, 218, 215


 250, 218, 215


 250, 195, 190


 250, 241, 240

 250, 173, 165

 250, 253, 255

 250, 150, 140

 250, 127, 115

 250, 104, 90

 250, 81, 65

 250, 58, 40

 250, 36, 15

 250, 22, 0

Harmonies

Analogous

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



248, 217, 227



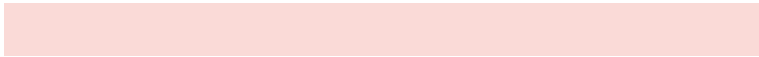
250, 218, 215



246, 228, 206

Triad

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



250, 218, 215



210, 228, 230



212, 222, 248

Complementary

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



250, 218, 215



215, 232, 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.



201, 218, 244



250, 218, 215



200, 219, 232

Square

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



250, 218, 215



204, 227, 208



196, 215, 235



226, 222, 245

Rectangle

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



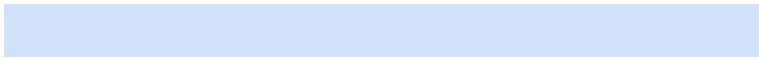
250, 218, 215



238, 240, 203



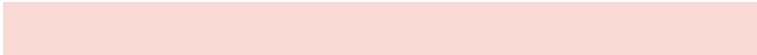
196, 215, 235



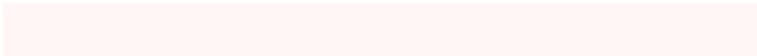
207, 220, 247

Sweetspot

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



250, 218, 215



255, 246, 245



250, 215, 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, 218, 215



255, 215, 212



241, 250, 215



125, 113, 112



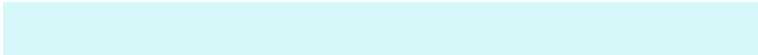
189, 16, 0



61, 5, 0

Inverse Universe

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



215, 232, 250



212, 233, 255



215, 226, 250



112, 118, 125



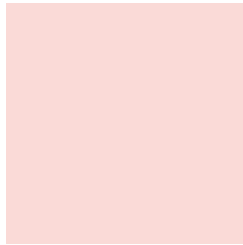
0, 91, 189



0, 29, 61

Previews

White Background



This preview shows how the RYB color 250, 218, 215 looks on a white background.

Color Contrast Check

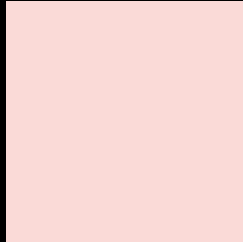
Large Text (above 18pt) WCAG AA × Fail

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 250, 218, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

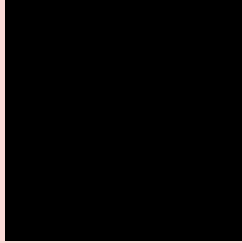
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

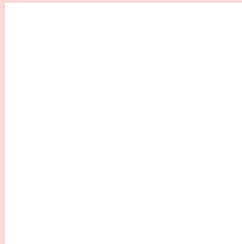
Any Text WCAG AAA ✓ Pass

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

RYB 250, 218, 215 Background



This preview shows how black text looks on a background with the RYB color 250, 218, 215.

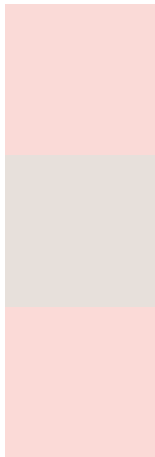


This preview shows how white text looks on a background with the RYB color 250, 218, 215.

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



Original Color
250, 218, 215

Protanopia
231, 228, 219

Deuteranopia
251, 218, 215



Tritanopia
252, 215, 232

Trichromacy



Original Color

250, 218, 215

Protanomaly

238, 223, 218

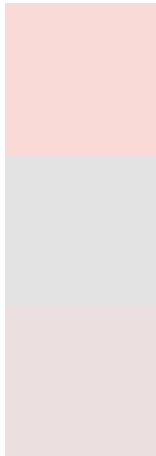
Deuteranomaly

251, 218, 215

Tritanomaly

251, 216, 226

Monochromacy



Original Color

250, 218, 215

Achromatopsia

227, 227, 227

Achromatomaly

235, 224, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 250, 218, 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(250, 218, 215) looks like.

```
.text, #text, p{  
    color:rgb(250, 218, 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(250, 218, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 218, 215) }
```

Border

The CSS property to change the border of an element to RYB 250, 218, 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(250, 218, 215) }
```

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

```
.border{ border-color:rgb(250, 218, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 218, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 218, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 218, 215);  
box-shadow:4px 4px 4px 4px rgb(250, 218,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 250, 218, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 218, 215) }
```

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

```
.background{ background-color: rgb(250,  
218, 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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