

Converting Colors

`RYB(242, 215, 212)`

Have a look what the booklet for
RYB(242, 215, 212) contains.

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Color

$\text{RYB}(242, 215, 212)$

Conversions

Conversions Part 1

Format	Color
Hex	F2D7D4
RGB	242, 215, 212
RGB Percent	95%, 84%, 83%
CMY	0.0510, 0.1579, 0.1686
CMYK	0.00, 0.11, 0.12, 0.05
HSL	5°, 54%, 89%
HSV	5°, 12%, 95%
XYZ	72.7327, 72.0928, 72.3692
YIQ	222.7310, 17.0550, 4.7910

Conversions

Conversions Part 2

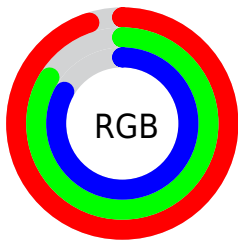
Format	Color
R _Y B	242, 215, 212
Decimal	15914964
CIE Lab	88.01, 9.00, 4.79
CIE LCh	88, 10.198, 28.036
Yxy	72.0928, 0.3349, 0.3319
Android (android.graphics.Color)	4294105044 (0xFFFF2D7D4)
YUV	222.7310, -5.2904, 16.8989
Hunter-Lab	84.9075, 4.3169, 8.9006

Details

The RYB color **242, 215, 212** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **212, 226, 242**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 160, 157** is the 20% darker color. If you saturate the color by 10%, you get **242, 194, 188**, and if you desaturate by 10%, it is **242, 237, 236**.

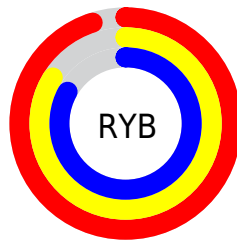
Distribution



Red (95%)

Green (84%)

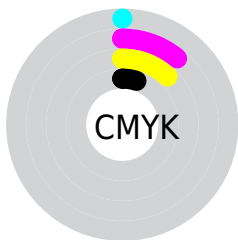
Blue (83%)



Red (95%)

Yellow (84%)

Blue (83%)

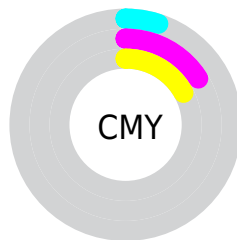


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (5%)



Cyan (5%)

Magenta (16%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 215, 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 242, 215, 212 by changing the saturation by 10% instead.

■ 242, 215, 212

255, 255, 255

■ 242, 215, 212

■ 214, 187, 184

■ 186, 160, 157

■ 159, 134, 131

■ 132, 109, 106

■ 107, 84, 82

■ 82, 61, 59


■ 59, 39, 37

■ 37, 19, 17


■ 1, 0, 0

 242, 215, 212


 242, 215, 212


 242, 194, 188


 242, 237, 236

 242, 172, 164

 242, 249, 255

 242, 150, 139

 242, 128, 115

 242, 106, 91

 242, 85, 67

 242, 63, 43

 242, 41, 18

 242, 24, 0

Harmonies

Analogous

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



240, 214, 222



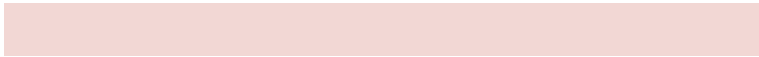
242, 215, 212



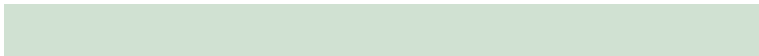
238, 224, 205

Triad

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



242, 215, 212



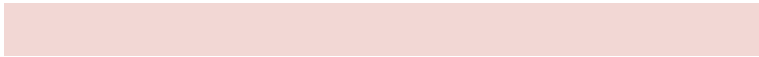
208, 223, 225



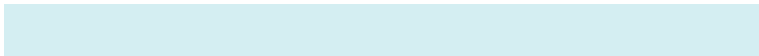
210, 219, 240

Complementary

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



242, 215, 212



212, 226, 242

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, 215, 237



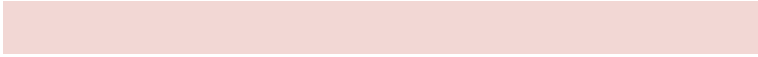
242, 215, 212



200, 216, 227

Square

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



242, 215, 212



204, 223, 208



197, 212, 229



222, 218, 238

Rectangle

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



242, 215, 212



228, 233, 202



197, 212, 229



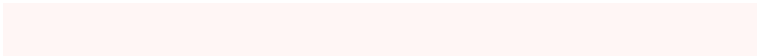
207, 218, 239

Sweetspot

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



242, 215, 212



255, 246, 245



242, 212, 239



128, 122, 121



0, 0, 0



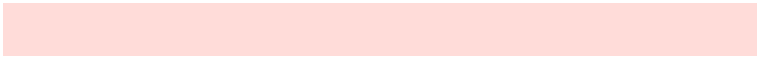
128, 128, 128

Same Dimension

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



242, 215, 212



255, 220, 217



235, 242, 212



120, 109, 108



184, 19, 0



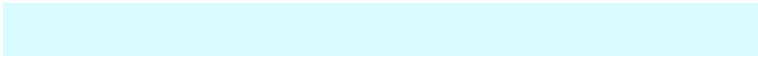
56, 5, 0

Inverse Universe

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



212, 226, 242



217, 235, 255



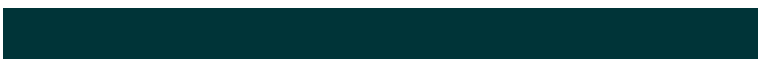
212, 221, 242



108, 114, 120



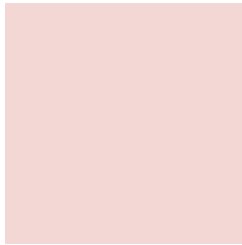
0, 88, 184



0, 27, 56

Previews

White Background



This preview shows how the RYB color 242, 215, 212 looks on a white background.

Color Contrast Check

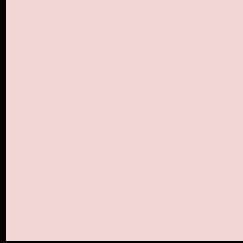
Large Text (above 18pt) WCAG AA × Fail

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 242, 215, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

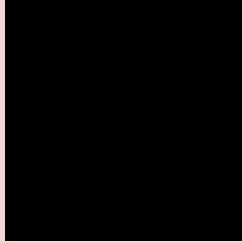
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

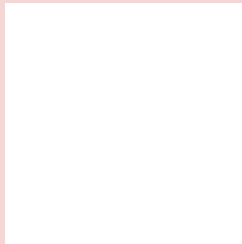
Any Text WCAG AAA ✓ Pass

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

RYB 242, 215, 212 Background



This preview shows how black text looks on a background with the RYB color 242, 215, 212.

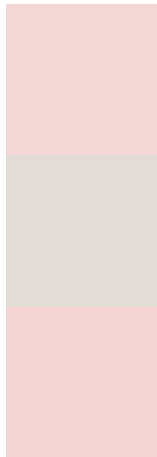


This preview shows how white text looks on a background with the RYB color 242, 215, 212.

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
242, 215, 212

Protanopia
226, 224, 215

Deuteranopia
245, 213, 212



Tritanopia
244, 212, 229

Trichromacy



Original Color

242, 215, 212

Protanomaly

232, 219, 214

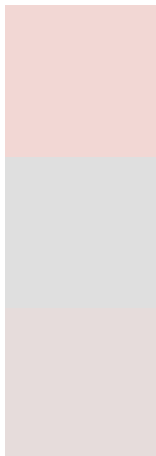
Deuteranomaly

244, 214, 212

Tritanomaly

243, 213, 223

Monochromacy



Original Color

242, 215, 212

Achromatopsia

223, 223, 223

Achromatomaly

230, 220, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 215, 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(242, 215, 212) looks like.

```
.text, #text, p{  
    color:rgb(242, 215, 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(242, 215, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 215, 212) }
```

Border

The CSS property to change the border of an element to RYB 242, 215, 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(242, 215, 212) }
```

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

```
.border{ border-color:rgb(242, 215, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 215, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 215, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 215, 212);  
box-shadow:4px 4px 4px 4px rgb(242, 215,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 242, 215, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 215, 212) }
```

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

```
.background{ background-color: rgb(242,  
215, 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](#).

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