

Converting Colors

`RYB(245, 214, 221)`

Have a look what the booklet for
RYB(245, 214, 221) contains.

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Color

RYB(245, 214, 221)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F5D6DD |
| RGB | 245, 214, 221 |
| RGB Percent | 96%, 84%, 87% |
| CMY | 0.0392, 0.1608, 0.1333 |
| CMYK | 0.00, 0.13, 0.10, 0.04 |
| HSL | 346°, 61%, 90% |
| HSV | 346°, 13%, 96% |
| XYZ | 74.7539, 72.7261, 78.5042 |
| YIQ | 224.0670, 16.2290, 8.7490 |

Conversions

Conversions Part 2

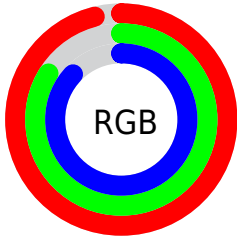
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 245, 214, 221 |
| Decimal | 16111325 |
| CIE Lab | 88.32, 11.89, 0.52 |
| CIE LCh | 88, 11.901, 2.494 |
| Yxy | 72.7261, 0.3308, 0.3218 |
| Android (android.graphics.Color) | 4294301405 (0xFFF5D6DD) |
| YUV | 224.0670, -1.5120, 18.3582 |
| Hunter-Lab | 85.2796, 7.2293, 5.1162 |

Details

The RYB color **245, 214, 221** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **214, 231, 245**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **189, 159, 166** is the 20% darker color. If you saturate the color by 10%, you get **245, 190, 202**, and if you desaturate by 10%, it is **245, 239, 240**.

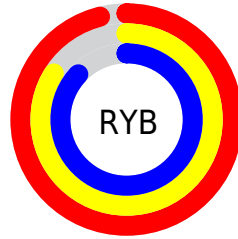
Distribution



Red (96%)

Green (84%)

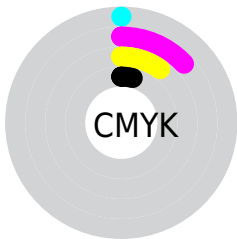
Blue (87%)



Red (96%)

Yellow (84%)

Blue (87%)

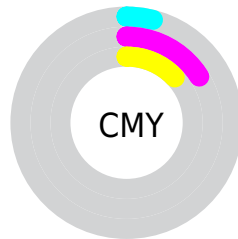


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (4%)



Cyan (4%)

Magenta (16%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RYB color 245, 214, 221 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 245, 214, 221 by changing the saturation by 10% instead.


 245, 214, 221

255, 255, 255

 245, 214, 221

 216, 186, 193


 189, 159, 166

 161, 133, 140

 135, 108, 114

 109, 83, 90

 85, 60, 66


 61, 38, 44

 39, 18, 24

 12, 0, 0

 245, 214, 221


 245, 214, 221

 245, 190, 202


 245, 239, 240

 245, 165, 183

 245, 250, 255

 245, 141, 164

 245, 116, 145

 245, 92, 126

 245, 67, 107

 245, 42, 88

 245, 18, 69

 245, 0, 55

Harmonies

Analogous

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



238, 215, 232



245, 214, 221



246, 216, 210

Triad

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



245, 214, 221



202, 225, 210



199, 215, 241

Complementary

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



245, 214, 221



214, 231, 245

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.



194, 212, 233



245, 214, 221



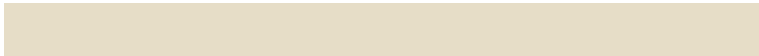
205, 222, 227

Square

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



245, 214, 221



212, 230, 199



196, 214, 228



211, 219, 244

Rectangle

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



245, 214, 221



243, 221, 204



196, 214, 228



197, 215, 239

Sweetspot

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



245, 214, 221



255, 245, 247



238, 214, 245



128, 121, 123



0, 0, 0



128, 128, 128

Same Dimension

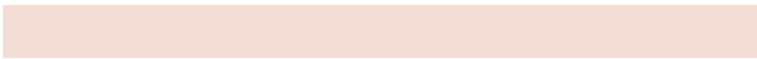
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 214, 221



255, 217, 225



245, 225, 214



122, 110, 113



186, 0, 42



59, 0, 13

Inverse Universe

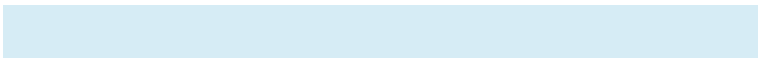
The Inverse Universe completely reimagines the original color for something new.



245, 214, 221



255, 217, 225



214, 227, 245



122, 110, 113



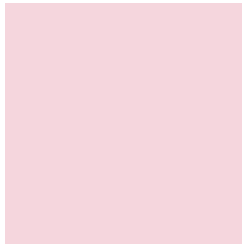
186, 0, 42



59, 0, 13

Previews

White Background



This preview shows how the RYB color 245, 214, 221 looks on a white background.

Color Contrast Check

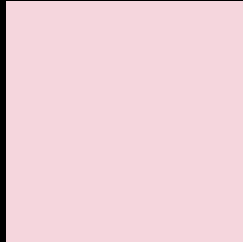
Large Text (above 18pt) WCAG AA × Fail

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 245, 214, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

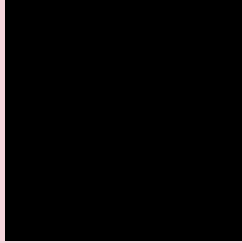
Any Text WCAG AA ✓ Pass

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 245, 214, 221 Background



This preview shows how black text looks on a background with the RYB color 245, 214, 221.

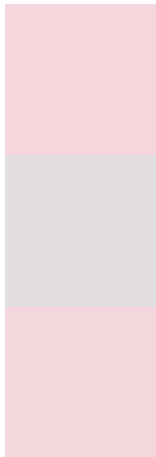


This preview shows how white text looks on a background with the RYB color 245, 214, 221.

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
245, 214, 221

Protanopia
225, 221, 225

Deuteranopia
243, 215, 221



Tritanopia

246, 213, 229

Trichromacy



Original Color

245, 214, 221

Protanomaly

232, 218, 224

Deuteranomaly

244, 215, 221

Tritanomaly

246, 213, 226

Monochromacy



Original Color

245, 214, 221

Achromatopsia

224, 224, 224

Achromatomaly

232, 220, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 214, 221 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(245, 214, 221) looks like.

```
.text, #text, p{  
    color:rgb(245, 214, 221)  
}
```

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(245, 214, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 214, 221) }
```

Border

The CSS property to change the border of an element to RYB 245, 214, 221 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(245, 214, 221) }
```

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

```
.border{ border-color:rgb(245, 214, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 214, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 214, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 214, 221);  
box-shadow:4px 4px 4px 4px rgb(245, 214,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 245, 214, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 214, 221) }
```

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

```
.background{ background-color: rgb(245,  
214, 221) }
```

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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