

Converting Colors

`RYB(245, 238, 215)`

Have a look what the booklet for
RYB(245, 238, 215) contains.

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Color

R_YB(245, 238, 215)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F5E4D7 |
| RGB | 245, 228, 215 |
| RGB Percent | 96%, 89%, 84% |
| CMY | 0.0392, 0.1058, 0.1569 |
| CMYK | 0.00, 0.07, 0.12, 0.04 |
| HSL | 26°, 60%, 90% |
| HSV | 26°, 12%, 96% |
| XYZ | 77.6705, 79.8160, 75.6023 |
| YIQ | 231.6010, 14.3050, -0.4390 |

Conversions

Conversions Part 2

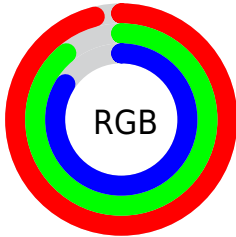
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 245, 238, 215 |
| Decimal | 16114903 |
| CIE Lab | 91.60, 3.66, 8.42 |
| CIE LCh | 92, 9.179, 66.533 |
| Yxy | 79.8160, 0.3332, 0.3424 |
| Android (android.graphics.Color) | 4294304983 (0xFFFF5E4D7) |
| YUV | 231.6010, -8.1843, 11.7509 |
| Hunter-Lab | 89.3398, -1.1597, 12.3647 |

Details

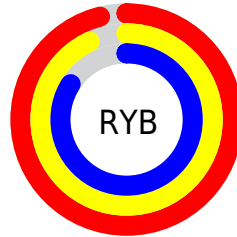
The RYB color **245, 238, 215** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **215, 226, 245**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is 255, 255, 255, and **189, 184, 160** is the 20% darker color. If you saturate the color by 10%, you get **245, 231, 191**, and if you desaturate by 10%, it is **245, 243, 240**.

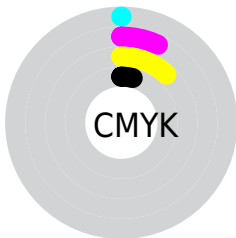
Distribution



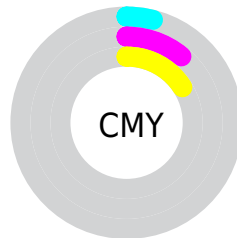
- Red (96%)
- Green (89%)
- Blue (84%)



- Red (96%)
- Yellow (93%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 238, 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 245, 238, 215 by changing the saturation by 10% instead.


 245, 238, 215

255, 255, 255

 245, 238, 215

 216, 211, 187

 189, 184, 160

 161, 156, 134

 135, 128, 109

 110, 105, 85

 85, 81, 61

 62, 58, 40

 39, 39, 19

 17, 4, 0

 245, 238, 215

 245, 238, 215

 245, 231, 191


 245, 243, 240


 245, 226, 166


 245, 250, 255


 245, 219, 142

 245, 217, 117

 245, 210, 93

 245, 204, 68

 245, 197, 44

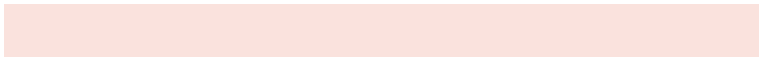
 245, 192, 19

 245, 187, 0

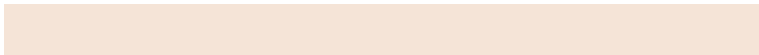
Harmonies

Analogous

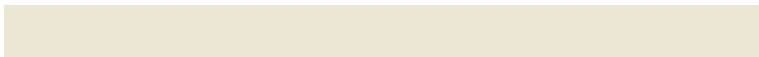
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



250, 227, 221



245, 238, 215



219, 236, 213

Triad

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



245, 238, 215



211, 224, 236



235, 228, 245

Complementary

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



245, 238, 215



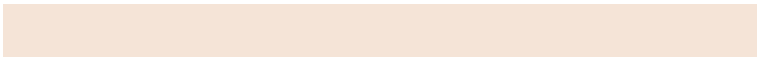
215, 226, 245

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.



224, 229, 248



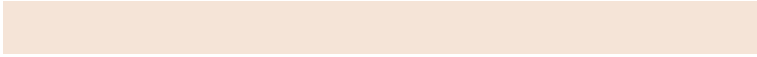
245, 238, 215



210, 224, 241

Square

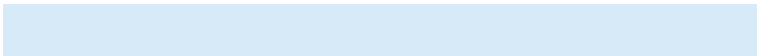
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 238, 215



217, 231, 236



215, 227, 247



244, 226, 238

Rectangle

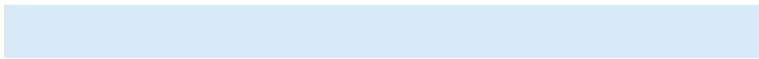
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



245, 238, 215



215, 233, 218



215, 227, 247



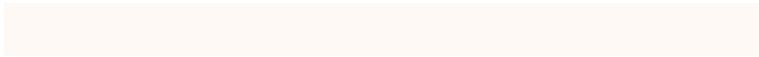
232, 229, 247

Sweetspot

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



245, 238, 215



255, 252, 245



245, 215, 232



128, 126, 121



0, 0, 0



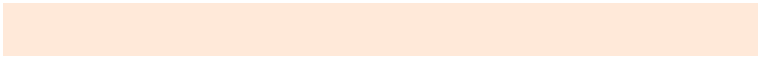
128, 128, 128

Same Dimension

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



245, 238, 215



255, 245, 217



217, 245, 215



122, 119, 110



186, 143, 0



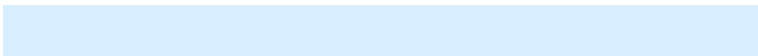
59, 43, 0

Inverse Universe

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



215, 226, 245



217, 231, 255



215, 217, 245



110, 114, 122



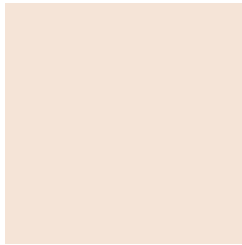
0, 67, 186



0, 21, 59

Previews

White Background



This preview shows how the RYB color 245, 238, 215 looks on a white background.

Color Contrast Check

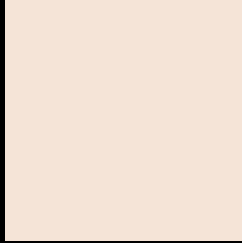
Large Text (above 18pt) WCAG AA × Fail

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 245, 238, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

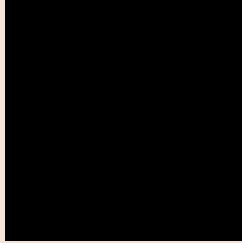
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

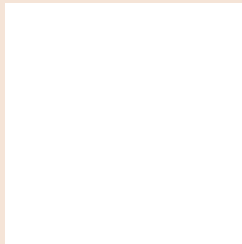
Any Text WCAG AAA ✓ Pass

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

RYB 245, 238, 215 Background



This preview shows how black text looks on a background with the RYB color 245, 238, 215.

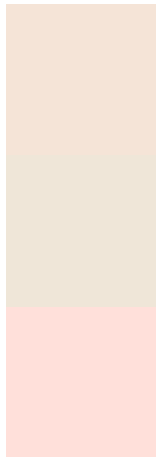


This preview shows how white text looks on a background with the RYB color 245, 238, 215.

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
245, 238, 215

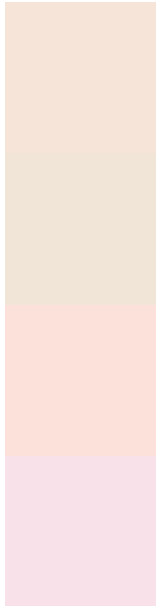
Protanopia
231, 239, 216

Deuteranopia
255, 225, 218



Tritanopia
249, 224, 242

Trichromacy



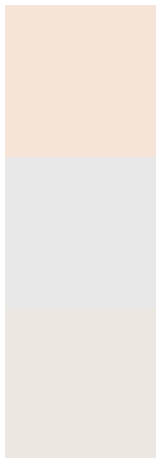
Original Color
245, 238, 215

Protanomaly
239, 241, 216

Deuteranomaly
251, 227, 217

Tritanomaly
248, 225, 232

Monochromacy



Original Color
245, 238, 215

Achromatopsia
232, 232, 232

Achromatomaly
237, 235, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 238, 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(245, 228, 215) looks like.

```
.text, #text, p{  
    color:rgb(245, 228, 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(245, 228, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 228, 215) }
```

Border

The CSS property to change the border of an element to RYB 245, 238, 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(245, 228, 215) }
```

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

```
.border{ border-color:rgb(245, 228, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 228, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 228, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 228, 215);  
box-shadow:4px 4px 4px 4px rgb(245, 228,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 245, 238, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 228, 215) }
```

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

```
.background{ background-color: rgb(245,  
228, 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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