

Converting Colors

`RYB(245, 223, 214)`

Have a look what the booklet for
RYB(245, 223, 214) contains.

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Color

R_YB(245, 223, 214)

Conversions

Conversions Part 1

Format	Color
Hex	F5DDD6
RGB	245, 221, 214
RGB Percent	96%, 87%, 84%
CMY	0.0392, 0.1334, 0.1608
CMYK	0.00, 0.10, 0.13, 0.04
HSL	13°, 61%, 90%
HSV	13°, 13%, 96%
XYZ	75.6436, 75.9672, 74.2946
YIQ	227.3780, 16.5510, 2.9110

Conversions

Conversions Part 2

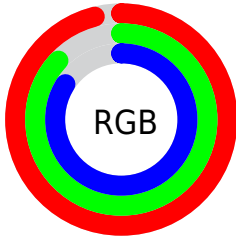
Format	Color
R _Y B	245, 223, 214
Decimal	16113110
CIE Lab	89.84, 7.13, 6.42
CIE LCh	90, 9.592, 41.976
Yxy	75.9672, 0.3348, 0.3363
Android (android.graphics.Color)	4294303190 (0xFFF5DDD6)
YUV	227.3780, -6.5954, 15.4545
Hunter-Lab	87.1592, 2.3879, 10.4725

Details

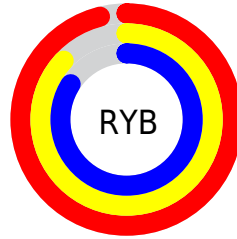
The RYB color **245, 223, 214** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **214, 228, 245**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **189, 168, 159** is the 20% darker color. If you saturate the color by 10%, you get **245, 205, 190**, and if you desaturate by 10%, it is **245, 240, 239**.

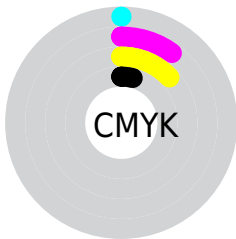
Distribution



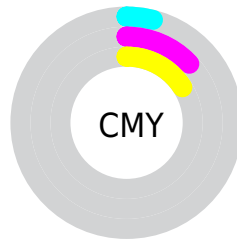
- Red (96%)
- Green (87%)
- Blue (84%)



- Red (96%)
- Yellow (87%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (4%)



- Cyan (4%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 245, 223, 214 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, 223, 214 by changing the saturation by 10% instead.


 245, 223, 214

255, 255, 255

 245, 223, 214

 216, 195, 186


 189, 168, 159

 161, 142, 133

 135, 116, 108

 109, 92, 84

 85, 67, 61

 61, 45, 39

 39, 25, 18


 16, 0, 0

 245, 223, 214

 245, 223, 214

 245, 205, 190


 245, 240, 239


 245, 188, 165


 245, 250, 255

 245, 171, 141

 245, 153, 116

 245, 136, 92

 245, 119, 67

 245, 101, 42

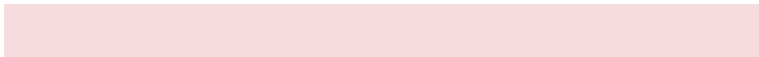
 245, 84, 18

 245, 71, 0

Harmonies

Analogous

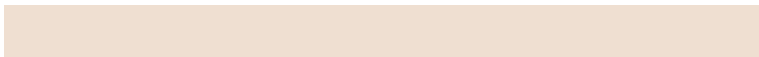
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246, 220, 222



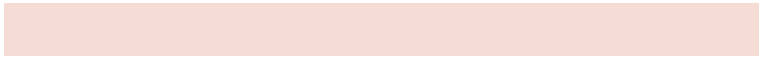
245, 223, 214



239, 235, 209

Triad

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



245, 223, 214



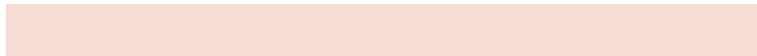
210, 224, 231



221, 224, 244

Complementary

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



245, 223, 214



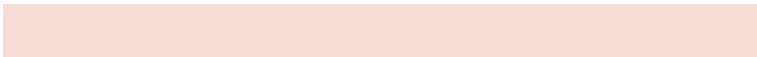
214, 228, 245

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.



211, 222, 243



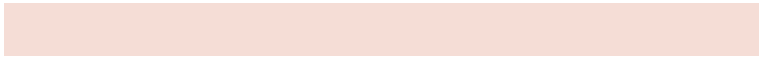
245, 223, 214



204, 219, 232

Square

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



245, 223, 214



212, 229, 222



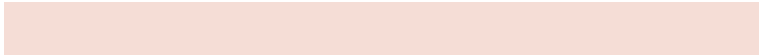
204, 219, 238



232, 222, 240

Rectangle

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



245, 223, 214



220, 233, 208



204, 219, 238



217, 224, 244

Sweetspot

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



245, 223, 214



255, 248, 245



245, 214, 238



128, 124, 121



0, 0, 0



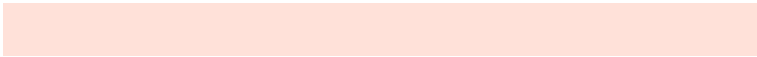
128, 128, 128

Same Dimension

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



245, 223, 214



255, 227, 217



227, 245, 214



122, 114, 110



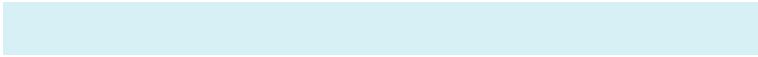
186, 54, 0



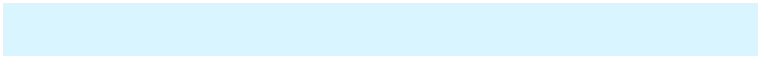
59, 17, 0

Inverse Universe

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



214, 228, 245



217, 233, 255



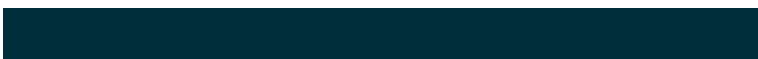
214, 221, 245



110, 115, 122



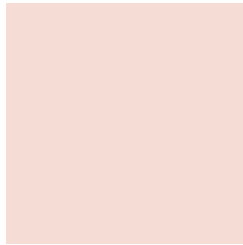
0, 81, 186



0, 26, 59

Previews

White Background



This preview shows how the RYB color 245, 223, 214 looks on a white background.

Color Contrast Check

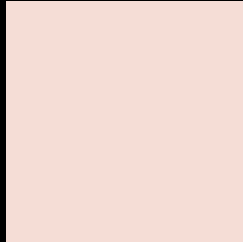
Large Text (above 18pt) WCAG AA × Fail

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, 223, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

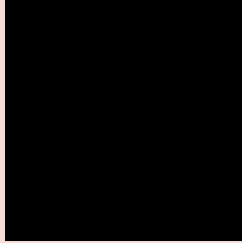
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

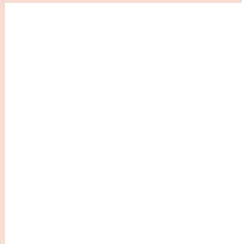
Any Text WCAG AAA ✓ Pass

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

RYB 245, 223, 214 Background



This preview shows how black text looks on a background with the RYB color 245, 223, 214.



This preview shows how white text looks on a background with the RYB color 245, 223, 214.

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, 223, 214
	Protanopia 228, 232, 216
	Deuteranopia 252, 218, 215



Tritanopia

248, 218, 235

Trichromacy



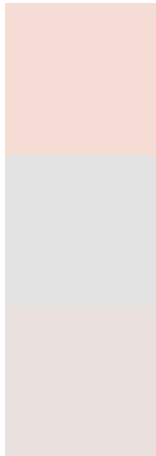
Original Color
245, 223, 214

Protanomaly
237, 230, 215

Deuteranomaly
249, 220, 215

Tritanomaly
247, 219, 227

Monochromacy



Original Color
245, 223, 214

Achromatopsia
227, 227, 227

Achromatomaly
234, 226, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 223, 214 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, 221, 214) looks like.

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

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, 221, 214) colored shadow looks like.

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

Border

The CSS property to change the border of an element to RYB 245, 223, 214 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, 221, 214) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to RYB 245, 223, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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