

Converting Colors

`RYB(245, 237, 224)`

Have a look what the booklet for
RYB(245, 237, 224) contains.

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Color

RYB(245, 237, 224)

Conversions

Conversions Part 1

Format	Color
Hex	F5E8E0
RGB	245, 232, 224
RGB Percent	96%, 91%, 88%
CMY	0.0392, 0.0901, 0.1216
CMYK	0.00, 0.05, 0.09, 0.04
HSL	23°, 51%, 92%
HSV	23°, 9%, 96%
XYZ	79.9756, 82.5241, 82.2346
YIQ	234.9750, 10.3160, 0.2680

Conversions

Conversions Part 2

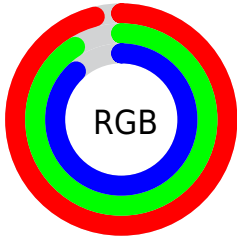
Format	Color
R _Y B	245, 237, 224
Decimal	16115936
CIE Lab	92.81, 3.05, 5.46
CIE LCh	93, 6.253, 60.834
Yxy	82.5241, 0.3268, 0.3372
Android (android.graphics.Color)	4294306016 (0xFF5E8E0)
YUV	234.9750, -5.4107, 8.7919
Hunter-Lab	90.8428, -1.8280, 9.9182

Details

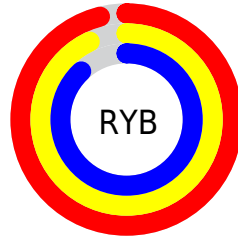
The RYB color **245, 237, 224** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **224, 232, 245**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is 255, 255, 255, and **189, 180, 169** is the 20% darker color. If you saturate the color by 10%, you get **245, 227, 200**, and if you desaturate by 10%, it is **245, 246, 249**.

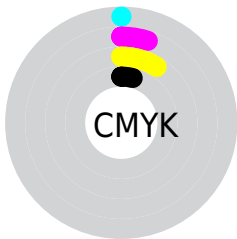
Distribution



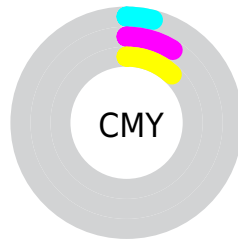
- Red (96%)
- Green (91%)
- Blue (88%)



- Red (96%)
- Yellow (93%)
- Blue (88%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 237, 224 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, 237, 224 by changing the saturation by 10% instead.

■ 245, 237, 224

255, 255, 255

■ 245, 237, 224

■ 217, 209, 196

■ 189, 180, 169

■ 162, 155, 142

■ 135, 128, 117

■ 110, 103, 92

■ 86, 78, 69

■ 62, 58, 46

■ 40, 34, 26

■ 20, 11, 0

 245, 237, 224

 245, 237, 224

 245, 227, 200

 245, 246, 249


 245, 219, 175


 245, 250, 255


 245, 211, 150

 245, 201, 126

 245, 189, 102

 245, 180, 77

 245, 172, 52

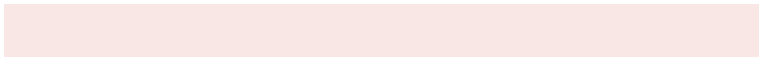
 245, 162, 28

 245, 154, 3

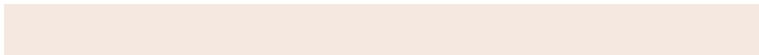
Harmonies

Analogous

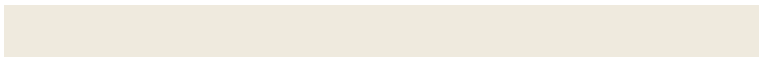
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 232, 228



245, 237, 224



229, 239, 222

Triad

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



245, 237, 224



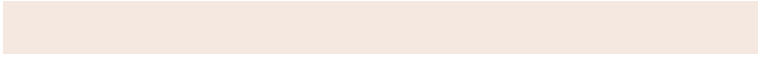
221, 231, 238



236, 233, 245

Complementary

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



245, 237, 224



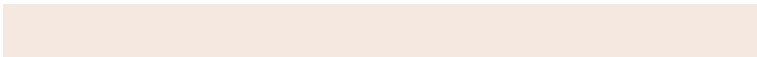
224, 232, 245

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.



229, 233, 246



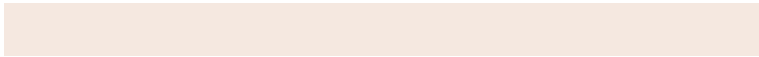
245, 237, 224



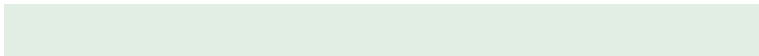
220, 229, 240

Square

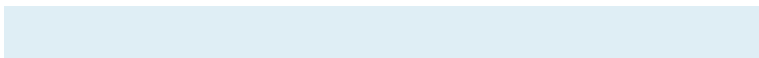
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245, 237, 224



226, 235, 237



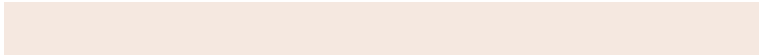
223, 232, 245



243, 231, 240

Rectangle

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



245, 237, 224



223, 235, 223



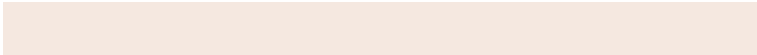
223, 232, 245



233, 233, 245

Sweetspot

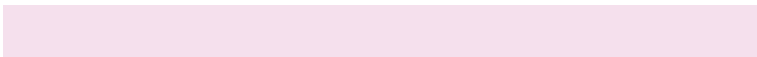
The Sweet Spot groups the original color and five complimentary colors.



245, 237, 224



255, 252, 247



245, 224, 237



128, 125, 122



0, 0, 0



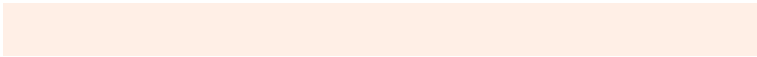
128, 128, 128

Same Dimension

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



245, 237, 224



255, 244, 230



228, 245, 224



122, 119, 110



186, 115, 0



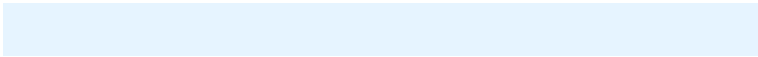
59, 35, 0

Inverse Universe

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



224, 232, 245



230, 239, 255



224, 227, 245



110, 115, 122



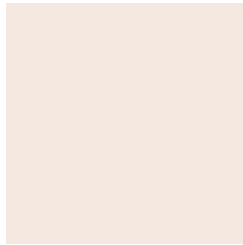
0, 71, 186



0, 22, 59

Previews

White Background



This preview shows how the RYB color 245, 237, 224 looks on a white background.

Color Contrast Check

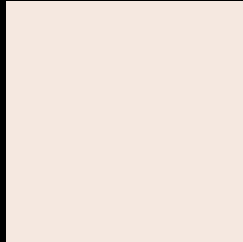
Large Text (above 18pt) WCAG AA × Fail

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, 237, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

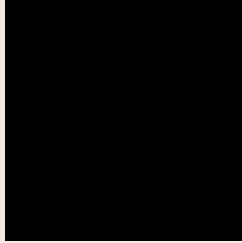
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

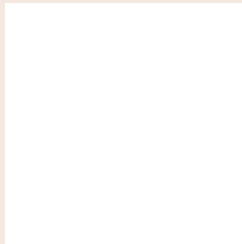
Any Text WCAG AAA ✓ Pass

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

RYB 245, 237, 224 Background



This preview shows how black text looks on a background with the RYB color 245, 237, 224.

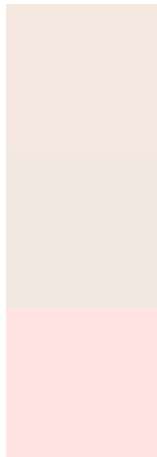


This preview shows how white text looks on a background with the RYB color 245, 237, 224.

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, 237, 224

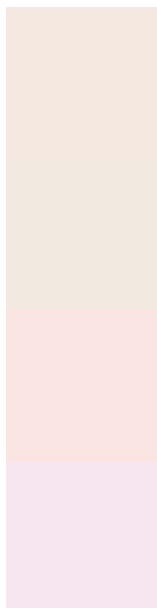
Protanopia
241, 241, 225

Deuteranopia
255, 228, 227



Tritanopia
248, 229, 247

Trichromacy



Original Color

245, 237, 224

Protanomaly

242, 240, 225

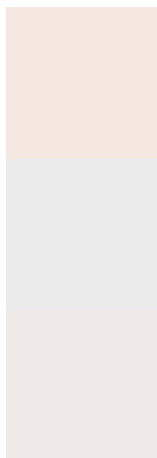
Deuteranomaly

251, 229, 226

Tritanomaly

247, 230, 239

Monochromacy



Original Color

245, 237, 224

Achromatopsia

235, 235, 235

Achromatomaly

239, 236, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 237, 224 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, 232, 224) looks like.

```
.text, #text, p{  
    color:rgb(245, 232, 224)  
}
```

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, 232, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 232, 224) }
```

Border

The CSS property to change the border of an element to RYB 245, 237, 224 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, 232, 224) }
```

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

```
.border{ border-color:rgb(245, 232, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 232, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 232, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 232, 224);  
box-shadow:4px 4px 4px 4px rgb(245, 232,  
224) }
```

Background

The CSS property to change the background color of an element to RYB 245, 237, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 232, 224) }
```

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

```
.background{ background-color: rgb(245,  
232, 224) }
```

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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