

Converting Colors

`RYB(245, 242, 235)`

Have a look what the booklet for RYB(245, 242, 235) contains.

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Color

R_YB(245, 242, 235)

Conversions

Conversions Part 1

Format	Color
Hex	F5EFEB
RGB	245, 239, 235
RGB Percent	96%, 94%, 92%
CMY	0.0392, 0.0623, 0.0784
CMYK	0.00, 0.02, 0.04, 0.04
HSL	25°, 33%, 94%
HSV	25°, 4%, 96%
XYZ	83.5525, 87.2126, 91.0273
YIQ	240.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

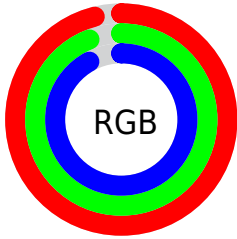
Format	Color
R _Y B	245, 242, 235
Decimal	16117739
CIE Lab	94.83, 1.26, 2.67
CIE LCh	95, 2.958, 64.711
Yxy	87.2126, 0.3192, 0.3331
Android (android.graphics.Color)	4294307819 (0xFF5EFEB)
YUV	240.3380, -2.6316, 4.0886
Hunter-Lab	93.3877, -3.7271, 7.5799

Details

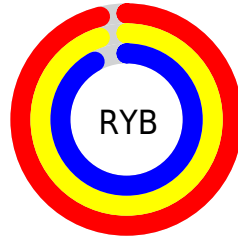
The RYB color **245, 242, 235** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **235, 239, 245**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **255, 255, 255**, and **189, 186, 179** is the 20% darker color. If you saturate the color by 10%, you get **245, 236, 210**, and if you desaturate by 10%, it is **245, 250, 255**.

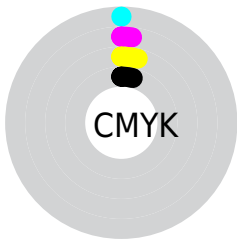
Distribution



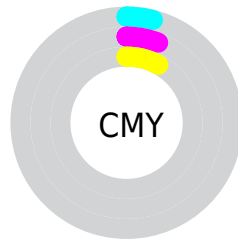
- Red (96%)
- Green (94%)
- Blue (92%)



- Red (96%)
- Yellow (95%)
- Blue (92%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 242, 235 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, 242, 235 by changing the saturation by 10% instead.


 245, 242, 235

255, 255, 255

 245, 242, 235

 217, 214, 207

 189, 186, 179


 162, 158, 153


 136, 132, 127

 110, 107, 102

 86, 83, 78

 63, 60, 55

 41, 39, 34

 21, 18, 11

 245, 242, 235

 245, 242, 235

 245, 236, 210

 245, 250, 255


 245, 226, 186


 245, 250, 255


 245, 220, 162


 245, 211, 137

 245, 204, 113

 245, 199, 88

 245, 191, 63

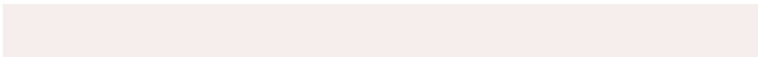
 245, 184, 39

 245, 175, 14

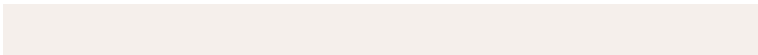
Harmonies

Analogous

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



246, 238, 237



245, 242, 235



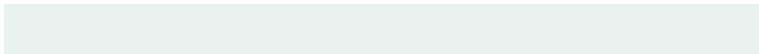
237, 242, 234

Triad

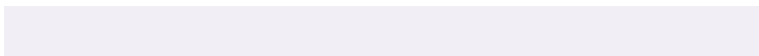
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245, 242, 235



234, 239, 242



241, 239, 245

Complementary

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



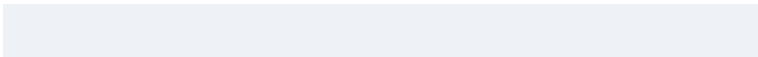
245, 242, 235



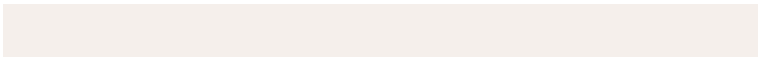
235, 239, 245

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.



238, 240, 246



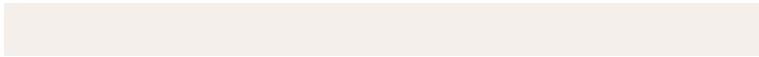
245, 242, 235



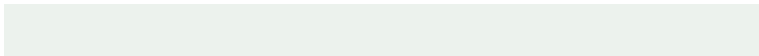
233, 238, 243

Square

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



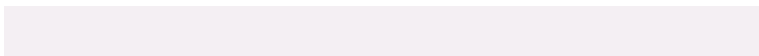
245, 242, 235



236, 241, 242



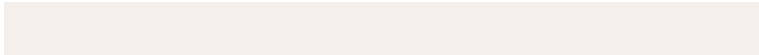
235, 239, 245



244, 239, 243

Rectangle

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



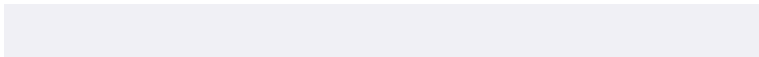
245, 242, 235



235, 241, 236



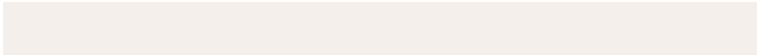
235, 239, 245



240, 240, 245

Sweetspot

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



245, 242, 235



254, 255, 252



245, 235, 241



128, 128, 126



0, 0, 0



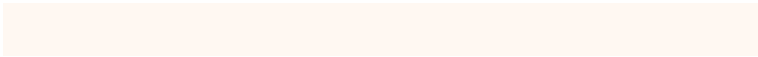
128, 128, 128

Same Dimension

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



245, 242, 235



255, 253, 242



236, 245, 235



122, 120, 115



186, 131, 0



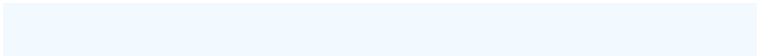
59, 40, 0

Inverse Universe

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



235, 239, 245



242, 247, 255



235, 236, 245



115, 118, 122



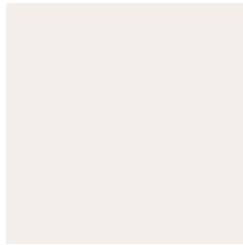
0, 69, 186



0, 22, 59

Previews

White Background



This preview shows how the RYB color 245, 242, 235 looks on a white background.

Color Contrast Check

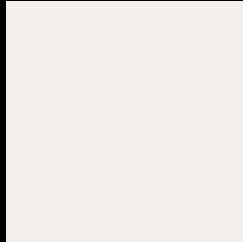
Large Text (above 18pt) WCAG AA × Fail

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, 242, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

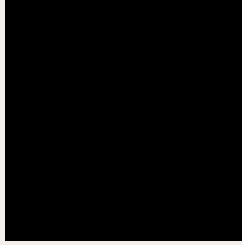
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

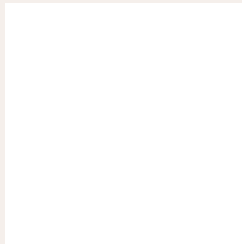
Any Text WCAG AAA ✓ Pass

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

RYB 245, 242, 235 Background



This preview shows how black text looks on a background with the RYB color 245, 242, 235.

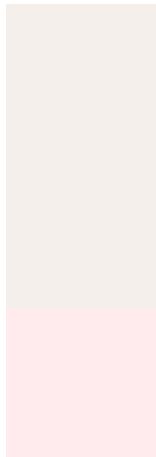


This preview shows how white text looks on a background with the RYB color 245, 242, 235.

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, 242, 235

Protanopia
245, 242, 235

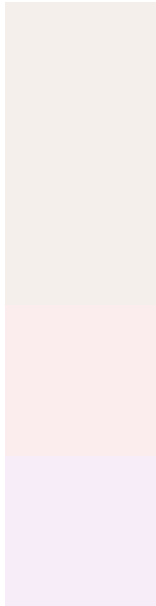
Deuteranopia
255, 235, 238



Tritanopia

248, 236, 255

Trichromacy



Original Color

245, 242, 235

Protanomaly

245, 242, 235

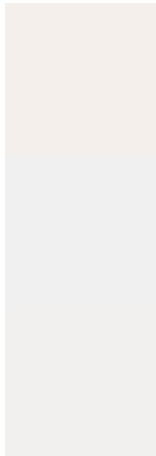
Deuteranomaly

251, 236, 237

Tritanomaly

247, 237, 248

Monochromacy



Original Color

245, 242, 235

Achromatopsia

240, 240, 240

Achromatomaly

242, 242, 238

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 242, 235 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, 239, 235) looks like.

```
.text, #text, p{  
    color:rgb(245, 239, 235)  
}
```

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, 239, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 239, 235) }
```

Border

The CSS property to change the border of an element to RYB 245, 242, 235 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, 239, 235) }
```

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

```
.border{ border-color:rgb(245, 239, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 239, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 239, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 239, 235);  
box-shadow:4px 4px 4px 4px rgb(245, 239,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 245, 242, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 239, 235) }
```

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

```
.background{ background-color: rgb(245,  
239, 235) }
```

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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