

Converting Colors

`RYB(252, 247, 235)`

Have a look what the booklet for
RYB(252, 247, 235) contains.

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Color

R_YB(252, 247, 235)

Conversions

Conversions Part 1

Format	Color
Hex	FCF2EB
RGB	252, 242, 235
RGB Percent	99%, 95%, 92%
CMY	0.0118, 0.0508, 0.0784
CMYK	0.00, 0.04, 0.07, 0.01
HSL	25°, 74%, 95%
HSV	25°, 7%, 99%
XYZ	86.9027, 90.2184, 91.4309
YIQ	244.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

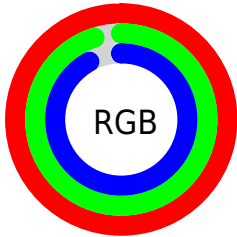
Format	Color
R _Y B	252, 247, 235
Decimal	16577259
CIE Lab	96.09, 2.16, 4.57
CIE LCh	96, 5.050, 64.737
Yxy	90.2184, 0.3236, 0.3359
Android (android.graphics.Color)	4294767339 (0xFFFCF2EB)
YUV	244.1920, -4.5317, 6.8476
Hunter-Lab	94.9834, -2.9067, 9.4159

Details

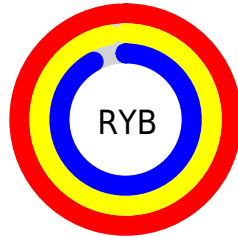
The RYB color **252, 247, 235** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **235, 241, 252**, and the grayscale version is **244, 244, 244**.

A 20% lighter version of the original color is 255, 255, 255, and **195, 191, 179** is the 20% darker color. If you saturate the color by 10%, you get **252, 239, 210**, and if you desaturate by 10%, it is 252, 254, 255.

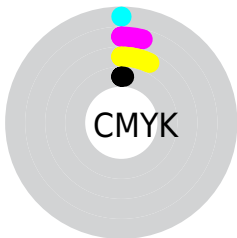
Distribution



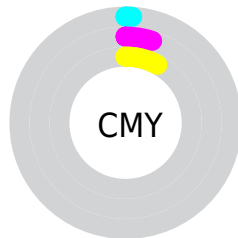
- Red (99%)
- Green (95%)
- Blue (92%)



- Red (99%)
- Yellow (97%)
- Blue (92%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (1%)



- Cyan (1%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 247, 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 252, 247, 235 by changing the saturation by 10% instead.

 252, 247, 235

255, 255, 255

 252, 247, 235


 223, 219, 207

 195, 191, 179

 168, 163, 153


 142, 137, 127

 116, 113, 102

 91, 86, 78

 68, 63, 55

 46, 43, 34

 26, 24, 11

 252, 247, 235

 252, 247, 235

 252, 239, 210


 252, 254, 255

 252, 230, 185


 252, 226, 159

 252, 218, 134

 252, 209, 109

 252, 201, 84

 252, 196, 59

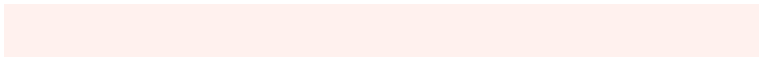
 252, 189, 33

 252, 180, 8

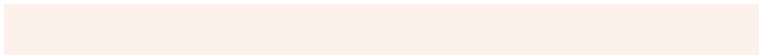
Harmonies

Analogous

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



255, 242, 238



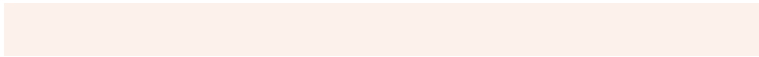
252, 247, 235



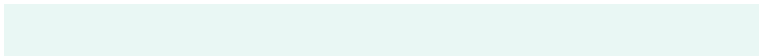
238, 247, 234

Triad

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



252, 247, 235



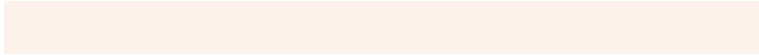
233, 241, 247



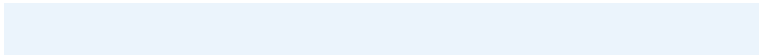
246, 242, 252

Complementary

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



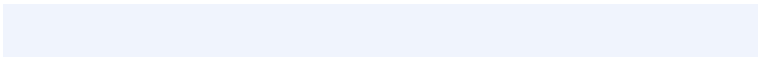
252, 247, 235



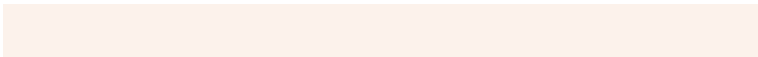
235, 241, 252

Split Complementary

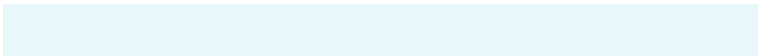
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240, 243, 253



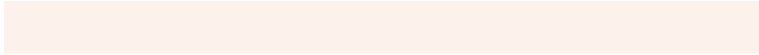
252, 247, 235



232, 240, 249

Square

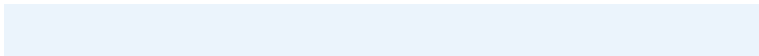
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



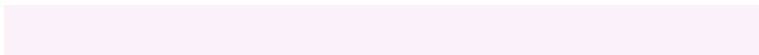
252, 247, 235



236, 244, 246



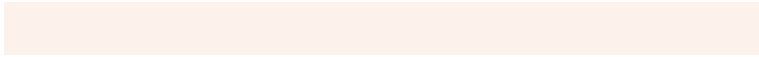
235, 241, 252



251, 241, 248

Rectangle

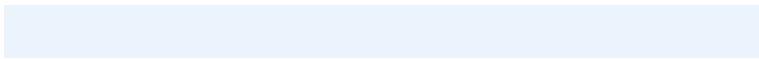
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



252, 247, 235



235, 245, 237



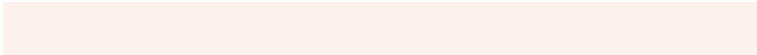
235, 241, 252



244, 243, 253

Sweetspot

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



252, 247, 235



255, 253, 250



252, 235, 245



128, 127, 125



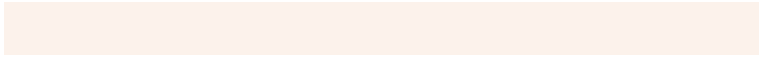
0, 0, 0



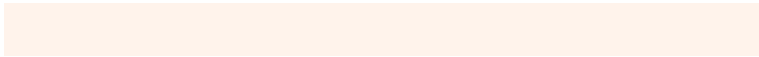
128, 128, 128

Same Dimension

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



252, 247, 235



255, 248, 235



237, 252, 235



125, 123, 112



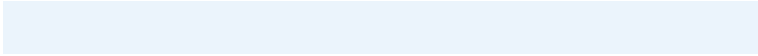
189, 133, 0



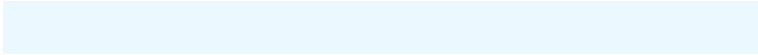
61, 42, 0

Inverse Universe

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



235, 241, 252



235, 243, 255



235, 237, 252



112, 117, 125



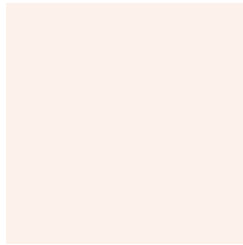
0, 70, 189



0, 23, 61

Previews

White Background



This preview shows how the RYB color 252, 247, 235 looks on a white background.

Color Contrast Check

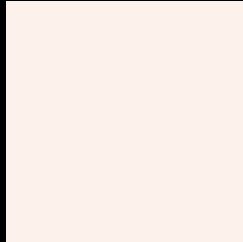
Large Text (above 18pt) WCAG AA × Fail

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 252, 247, 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 252, 247, 235 Background



This preview shows how black text looks on a background with the RYB color 252, 247, 235.

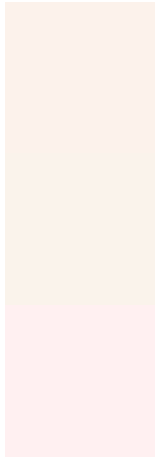


This preview shows how white text looks on a background with the RYB color 252, 247, 235.

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
252, 247, 235

Protanopia
248, 250, 235

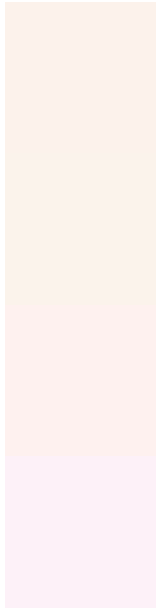
Deuteranopia
255, 240, 241



Tritanopia

253, 240, 255

Trichromacy



Original Color

252, 247, 235

Protanomaly

251, 251, 235

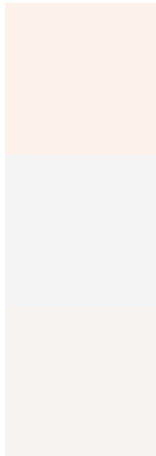
Deuteranomaly

254, 241, 239

Tritanomaly

253, 241, 248

Monochromacy



Original Color

252, 247, 235

Achromatopsia

244, 244, 244

Achromatomaly

247, 244, 241

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 247, 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(252, 242, 235) looks like.

```
.text, #text, p{  
    color:rgb(252, 242, 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(252, 242, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 242, 235) }
```

Border

The CSS property to change the border of an element to RYB 252, 247, 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(252, 242, 235) }
```

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

```
.border{ border-color:rgb(252, 242, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 242, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 242, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 242, 235); box-shadow:4px 4px 4px 4px rgb(252, 242, 235) }
```

Background

The CSS property to change the background color of an element to RYB 252, 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(252, 242, 235) }
```

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

```
.background{ background-color: rgb(252,  
242, 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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