

Converting Colors

`RYB(252, 245, 244)`

Have a look what the booklet for RYB(252, 245, 244) contains.

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Color

R_YB(252, 245, 244)

Conversions

Conversions Part 1

Format	Color
Hex	FCF5F4
RGB	252, 245, 244
RGB Percent	99%, 96%, 96%
CMY	0.0118, 0.0397, 0.0431
CMYK	0.00, 0.03, 0.03, 0.01
HSL	7°, 57%, 97%
HSV	7°, 3%, 99%
XYZ	89.0928, 92.4647, 98.7397
YIQ	246.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

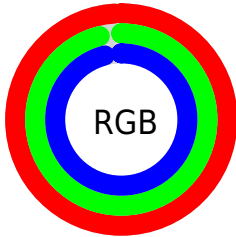
Format	Color
R_{YB}	252, 245, 244
Decimal	16578036
CIE Lab	97.01, 2.22, 1.26
CIE LCh	97, 2.553, 29.537
Yxy	92.4647, 0.3179, 0.3299
Android (android.graphics.Color)	4294768116 (0xFFFCF5F4)
YUV	246.9790, -1.4686, 6.4034
Hunter-Lab	96.1586, -2.8937, 6.4295

Details

The RYB color **252, 245, 244** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **244, 248, 252**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **195, 189, 188** is the 20% darker color. If you saturate the color by 10%, you get **252, 222, 219**, and if you desaturate by 10%, it is **252, 254, 255**.

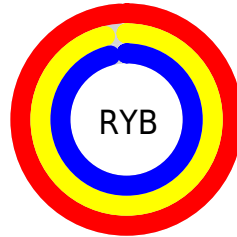
Distribution



Red (99%)

Green (96%)

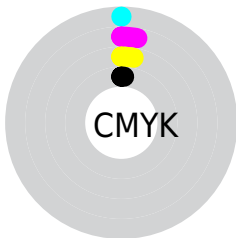
Blue (96%)



Red (99%)

Yellow (96%)

Blue (96%)

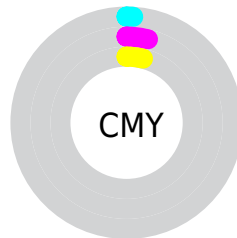


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (1%)



Cyan (1%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 245, 244 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, 245, 244 by changing the saturation by 10% instead.

 252, 245, 244


255, 255, 255

 252, 245, 244

 223, 216, 216

 195, 189, 188

 168, 162, 161

 142, 135, 135

 116, 110, 109

 92, 86, 85

 68, 63, 62

 46, 41, 40

 25, 20, 20

252, 245, 244

252, 245, 244

252, 222, 219

252, 254, 255

252, 201, 194

252, 179, 168

252, 156, 143

252, 135, 118

252, 112, 93

252, 90, 68

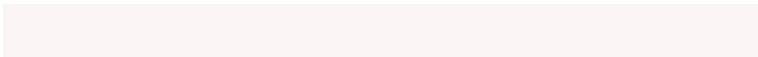
252, 69, 42

252, 46, 17

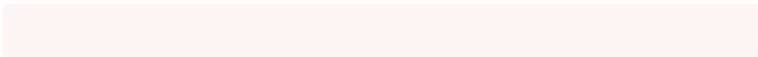
Harmonies

Analogous

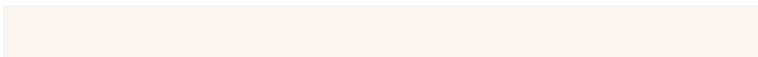
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



252, 245, 246



252, 245, 244



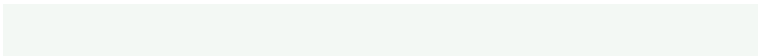
251, 247, 242

Triad

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



252, 245, 244



243, 247, 248



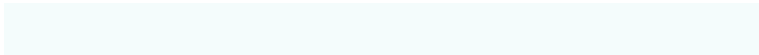
244, 246, 251

Complementary

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



252, 245, 244



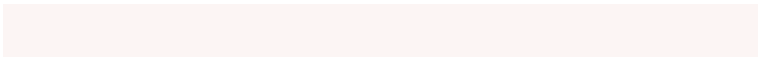
244, 248, 252

Split Complementary

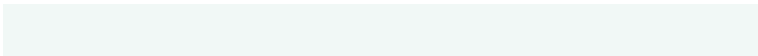
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242, 245, 251



252, 245, 244



241, 245, 248

Square

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



252, 245, 244



242, 247, 243



241, 245, 249



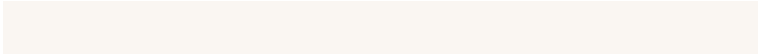
247, 246, 251

Rectangle

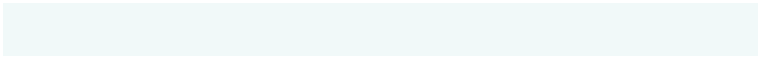
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



252, 245, 244



250, 250, 242



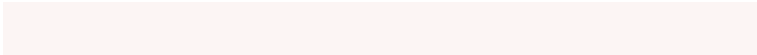
241, 245, 249



243, 246, 251

Sweetspot

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



252, 245, 244



255, 254, 252



252, 244, 251



128, 126, 126



0, 0, 0



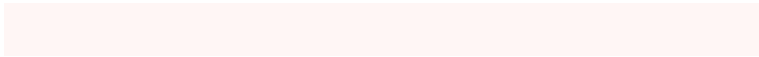
128, 128, 128

Same Dimension

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



252, 245, 244



255, 246, 245



249, 252, 244



125, 119, 119



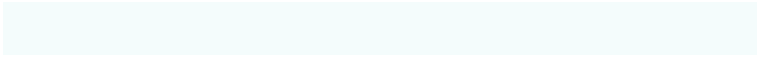
189, 24, 0



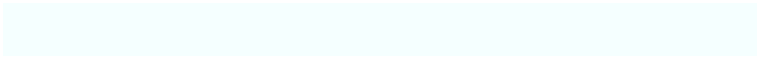
61, 8, 0

Inverse Universe

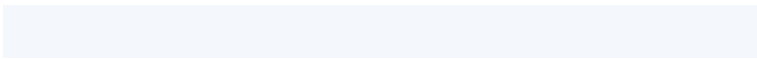
The Inverse Universe completely reimagines the original color for something new.



244, 248, 252



245, 250, 255



244, 246, 252



119, 122, 125



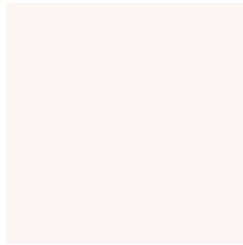
0, 89, 189



0, 29, 61

Previews

White Background



This preview shows how the RYB color 252, 245, 244 looks on a white background.

Color Contrast Check

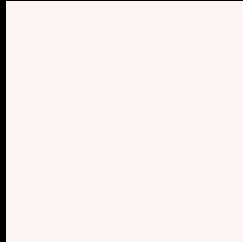
Large Text (above 18pt) WCAG AA × Fail

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, 245, 244 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

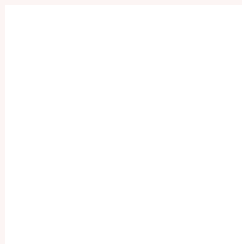
Any Text WCAG AAA ✓ Pass

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

RYP 252, 245, 244 Background



This preview shows how black text looks on a background with the RYP color 252, 245, 244.

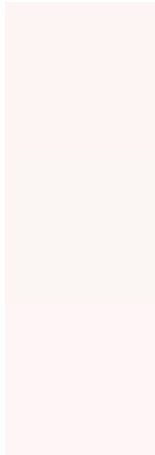


This preview shows how white text looks on a background with the RYP color 252, 245, 244.

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, 245, 244

Protanopia
251, 245, 244

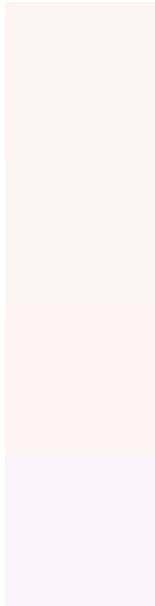
Deuteranopia
255, 244, 246



Tritanopia

251, 244, 255

Trichromacy



Original Color

252, 245, 244

Protanomaly

251, 245, 244

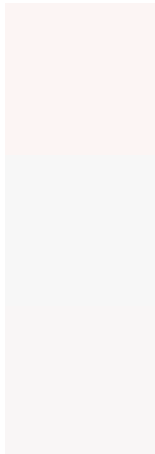
Deuteranomaly

254, 244, 245

Tritanomaly

251, 244, 251

Monochromacy



Original Color

252, 245, 244

Achromatopsia

247, 247, 247

Achromatomaly

249, 246, 246

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 245, 244 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, 245, 244) looks like.

```
.text, #text, p{  
    color:rgb(252, 245, 244)  
}
```

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, 245, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 245, 244) }
```

Border

The CSS property to change the border of an element to RYB 252, 245, 244 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, 245, 244) }
```

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

```
.border{ border-color:rgb(252, 245, 244) }
```

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

Here you see how a box with a 4 pixel rgb(252, 245, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 245, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 245, 244);  
box-shadow:4px 4px 4px 4px rgb(252, 245,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 252, 245, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 245, 244) }
```

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

```
.background{ background-color: rgb(252,  
245, 244) }
```

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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