

Converting Colors

`RYB(245, 252, 244)`

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

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Color

R_YB(245, 252, 244)

Conversions

Conversions Part 1

Format	Color
Hex	FCFBF4
RGB	252, 251, 244
RGB Percent	99%, 98%, 96%
CMY	0.0118, 0.0153, 0.0431
CMYK	0.00, 0.00, 0.03, 0.01
HSL	53°, 57%, 97%
HSV	53°, 3%, 99%
XYZ	91.0059, 96.2909, 99.3774
YIQ	250.5010, 2.8430, -1.9650

Conversions

Conversions Part 2

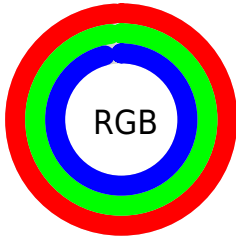
Format	Color
R _Y B	245, 252, 244
Decimal	16579572
CIE Lab	98.55, -0.93, 3.49
CIE LCh	99, 3.616, 104.890
Yxy	96.2909, 0.3175, 0.3359
Android (android.graphics.Color)	4294769652 (0xFFFCFBF4)
YUV	250.5010, -3.2050, 1.3146
Hunter-Lab	98.1279, -6.1792, 8.6446

Details

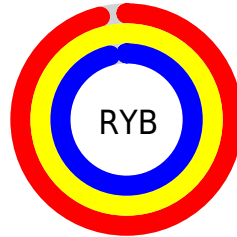
The RYB color 245, 252, 244 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 244, 245, 252, and the grayscale version is 251, 251, 251.

A 20% lighter version of the original color is 255, 255, 255, and 188, 195, 188 is the 20% darker color. If you saturate the color by 10%, you get 224, 252, 219, and if you desaturate by 10%, it is 252, 253, 255.

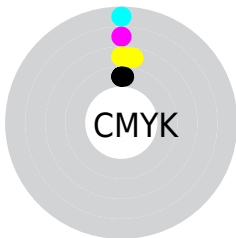
Distribution



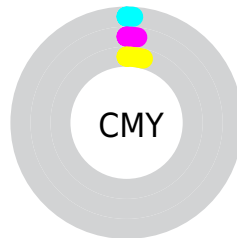
- Red (99%)
- Green (98%)
- Blue (96%)



- Red (96%)
- Yellow (99%)
- Blue (96%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)



- Cyan (1%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

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


 245, 252, 244

255, 255, 255

 245, 252, 244

 216, 223, 216

 188, 195, 188


 162, 168, 161

 136, 142, 135

 109, 116, 109

 86, 92, 85

 62, 68, 62

 41, 46, 40

 20, 25, 20

245, 252, 244

245, 252, 244

224, 252, 219

252, 253, 255

201, 252, 194

252, 254, 255

178, 252, 168

156, 252, 143

135, 252, 118

113, 252, 93

90, 252, 68

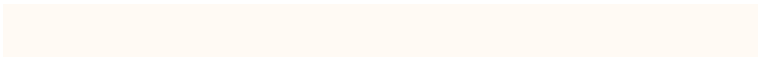
68, 252, 42

46, 252, 17

Harmonies

Analogous

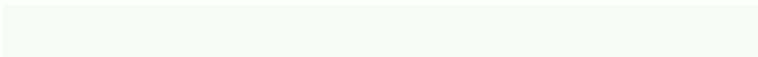
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



253, 255, 244



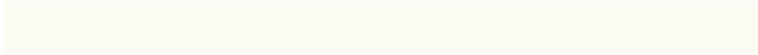
245, 252, 244



246, 252, 250

Triad

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



245, 252, 244



243, 248, 255



255, 249, 253

Complementary

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



245, 252, 244



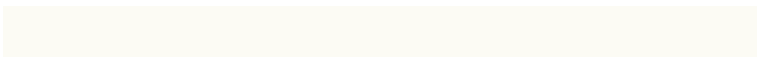
244, 245, 252

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.



254, 249, 255



245, 252, 244



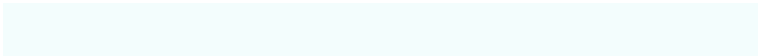
246, 250, 255

Square

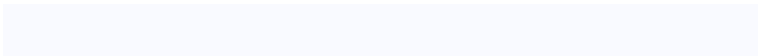
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



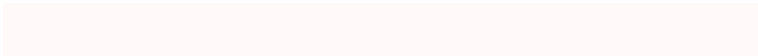
245, 252, 244



243, 248, 253



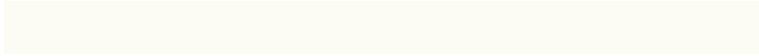
249, 250, 255



255, 249, 249

Rectangle

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



245, 252, 244



245, 251, 253



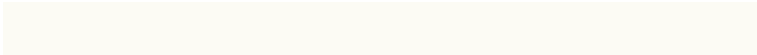
249, 250, 255



255, 249, 254

Sweetspot

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



245, 252, 244



252, 255, 252



252, 244, 245



128, 128, 126



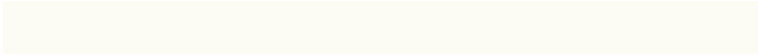
0, 0, 0



128, 128, 128

Same Dimension

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



245, 252, 244



246, 255, 245



244, 252, 247



120, 125, 119



24, 189, 0



8, 61, 0

Inverse Universe

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



244, 245, 252



245, 246, 255



247, 244, 252



119, 119, 125



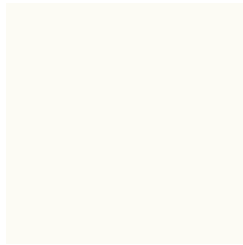
0, 19, 189



0, 6, 61

Previews

White Background



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

Color Contrast Check

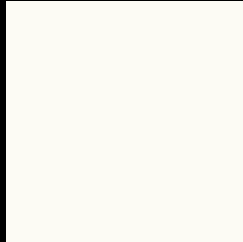
Large Text (above 18pt) WCAG AA × Fail

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 245, 252, 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](#).

RYB 245, 252, 244 Background



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



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

Protanopia
255, 253, 246

Deuteranopia
255, 250, 250

Tritanopia

252, 250, 255

Trichromacy



Original Color

245, 252, 244

Protanomaly

252, 254, 245

Deuteranomaly

254, 251, 248

Tritanomaly

252, 250, 251

Monochromacy



Original Color

245, 252, 244

Achromatopsia

251, 251, 251

Achromatomaly

248, 251, 248

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 252, 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, 251, 244) looks like.

```
.text, #text, p{  
    color:rgb(252, 251, 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, 251, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 251, 244) }
```

Border

The CSS property to change the border of an element to RYB 245, 252, 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, 251, 244) }
```

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

```
.border{ border-color:rgb(252, 251, 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, 251, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 251, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 251, 244);  
box-shadow:4px 4px 4px 4px rgb(252, 251,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 255, 252, 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, 251, 244) }
```

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

```
.background{ background-color: rgb(252,  
251, 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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