

Converting Colors

`RYB(253, 251, 244)`

Have a look what the booklet for
RYB(253, 251, 244) contains.

RYB(253, 251, 244)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(253, 251, 244)

Conversions

Conversions Part 1

Format	Color
Hex	FDF8F4
RGB	253, 248, 244
RGB Percent	99%, 97%, 96%
CMY	0.0078, 0.0277, 0.0431
CMYK	0.00, 0.02, 0.04, 0.01
HSL	26°, 69%, 97%
HSV	26°, 4%, 99%
XYZ	90.3853, 94.5107, 99.0665
YIQ	249.0390, 4.2640, -0.1840

Conversions

Conversions Part 2

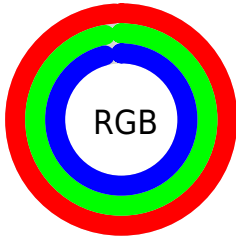
Format	Color
R _Y B	253, 251, 244
Decimal	16644340
CIE Lab	97.84, 1.01, 2.47
CIE LCh	98, 2.670, 67.779
Yxy	94.5107, 0.3183, 0.3328
Android (android.graphics.Color)	4294834420 (0xFFFD8F4)
YUV	249.0390, -2.4842, 3.4738
Hunter-Lab	97.2166, -4.1720, 7.6334

Details

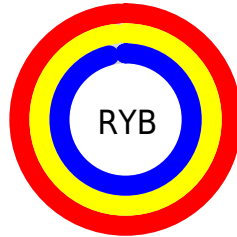
The RYB color 253, 251, 244 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 244, 247, 253, and the grayscale version is 249, 249, 249.

A 20% lighter version of the original color is 255, 255, 255, and 196, 196, 188 is the 20% darker color. If you saturate the color by 10%, you get 253, 246, 219, and if you desaturate by 10%, it is 253, 254, 255.

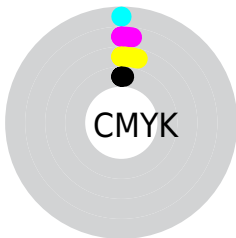
Distribution



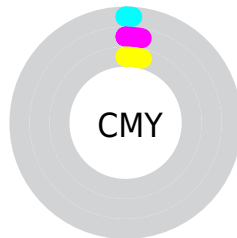
- Red (99%)
- Green (97%)
- Blue (96%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (1%)



- Cyan (1%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 253, 251, 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 253, 251, 244 by changing the saturation by 10% instead.

 253, 251, 244

255, 255, 255

 253, 251, 244

 224, 221, 216

 196, 196, 188

 169, 169, 161

 143, 140, 135

 117, 117, 109

 92, 90, 85

 69, 67, 62

 47, 45, 40

 26, 26, 20

253, 251, 244

253, 251, 244

253, 246, 219

253, 254, 255

253, 239, 193

253, 234, 168

253, 228, 143

253, 223, 118

253, 219, 92

253, 210, 67

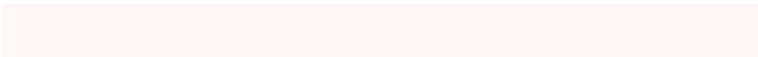
253, 205, 42

253, 201, 16

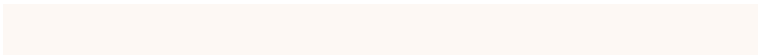
Harmonies

Analogous

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



255, 247, 246



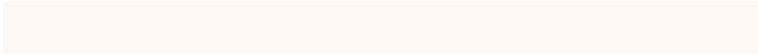
253, 251, 244



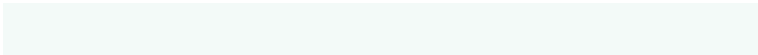
245, 250, 244

Triad

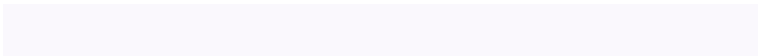
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



253, 251, 244



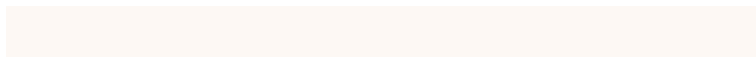
243, 247, 250



250, 248, 253

Complementary

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



253, 251, 244



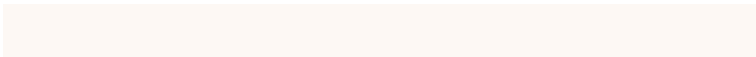
244, 247, 253

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.



247, 249, 254



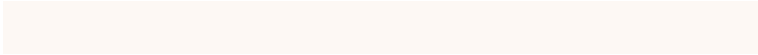
253, 251, 244



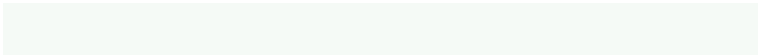
243, 247, 252

Square

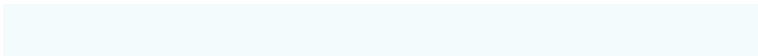
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



253, 251, 244



245, 249, 250



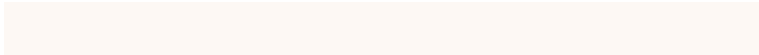
244, 248, 253



253, 247, 251

Rectangle

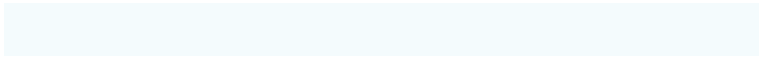
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



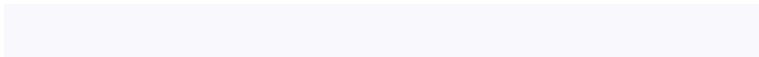
253, 251, 244



244, 249, 245



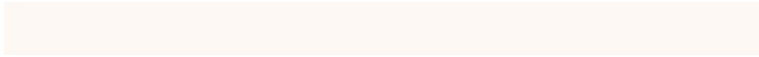
244, 248, 253



249, 248, 253

Sweetspot

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



253, 251, 244



254, 255, 252



253, 244, 249



128, 128, 126



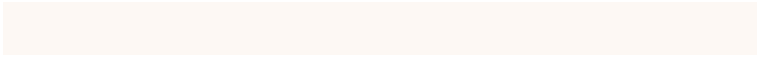
0, 0, 0



128, 128, 128

Same Dimension

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



253, 251, 244



255, 252, 245



245, 253, 244



128, 126, 121



191, 150, 0



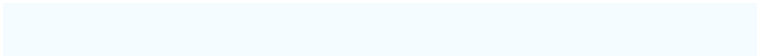
64, 50, 0

Inverse Universe

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



244, 247, 253



245, 249, 255



244, 245, 253



121, 124, 128



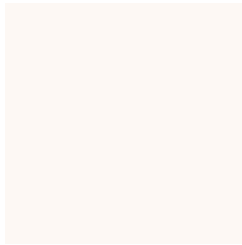
0, 69, 191



0, 23, 64

Previews

White Background



This preview shows how the RYB color 253, 251, 244 looks on a white background.

Color Contrast Check

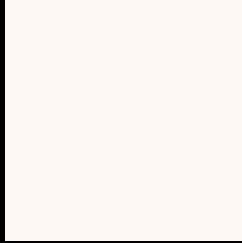
Large Text (above 18pt) WCAG AA × Fail

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 253, 251, 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

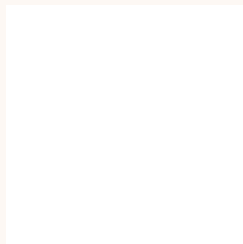
Any Text WCAG AAA ✓ Pass

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

RYP 253, 251, 244 Background



This preview shows how black text looks on a background with the RYP color 253, 251, 244.



This preview shows how white text looks on a background with the RYP color 253, 251, 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
[253](#), [251](#), [244](#)

Protanopia
[254](#), [251](#), [244](#)

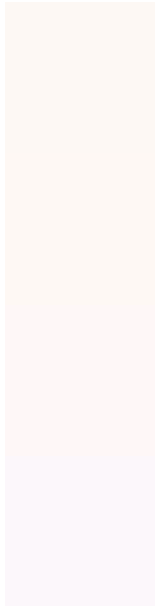
Deuteranopia
[255](#), [247](#), [248](#)



Tritanopia

252, 247, 255

Trichromacy



Original Color

253, 251, 244

Protanomaly

254, 251, 244

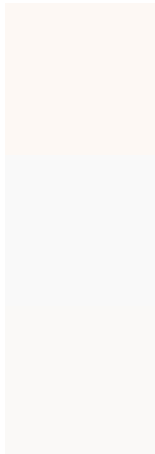
Deuteranomaly

254, 247, 247

Tritanomaly

252, 247, 251

Monochromacy



Original Color

253, 251, 244

Achromatopsia

249, 249, 249

Achromatomaly

249, 250, 247

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 251, 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(253, 248, 244) looks like.

```
.text, #text, p{  
    color:rgb(253, 248, 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(253, 248, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 248, 244) }
```

Border

The CSS property to change the border of an element to RYB 253, 251, 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(253, 248, 244) }
```

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

```
.border{ border-color:rgb(253, 248, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 248, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 248, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 248, 244);  
box-shadow:4px 4px 4px 4px rgb(253, 248,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 253, 251, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 248, 244) }
```

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

```
.background{ background-color: rgb(253,  
248, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor