

Converting Colors

RGB(255, 249, 237)

Have a look what the booklet for
RGB(255, 249, 237) contains.

RGB(255, 249, 237)	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

RGB(255, 249, 237)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9ED
RGB	255, 249, 237
RGB Percent	100%, 98%, 93%
CMY	0.0000, 0.0235, 0.0706
CMYK	0.00, 0.02, 0.07, 0.00
HSL	40°, 100%, 96%
HSV	40°, 7%, 100%
XYZ	90.4017, 95.1258, 93.7172
YIQ	249.4260, 7.4280, -2.4600

Conversions

Conversions Part 2

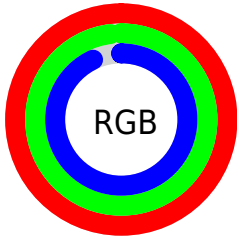
Format	Color
RYB	246, 255, 237
Decimal	16775661
CIELab	98.08, -0.02, 6.45
CIELCh	98, 6.450, 90.201
Yxy	95.1258, 0.3237, 0.3407
Android (android.graphics.Color)	4294965741 (0xFFFFF9ED)
YUV	249.4260, -6.1260, 4.8884
Hunter-Lab	97.5325, -5.2321, 11.3020

Details

The RGB color 255, 249, 237 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 237, 243, 255, and the grayscale version is 249, 249, 249.

A 20% lighter version of the original color is 255, 255, 255, and 198, 193, 181 is the 20% darker color. If you saturate the color by 10%, you get 255, 241, 212, and if you desaturate by 10%, it is 255, 255, 255.

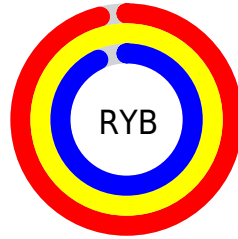
Distribution



Red (100%)

Green (98%)

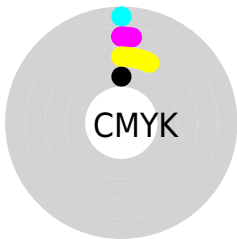
Blue (93%)



Red (96%)

Yellow (100%)

Blue (93%)

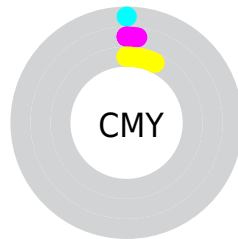


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 249, 237 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 RGB color 255, 249, 237 by changing the saturation by 10% instead.

 255, 249, 237


255, 255, 255

 255, 249, 237

 226, 220, 209

 198, 193, 181

 171, 165, 154

 144, 139, 128

 119, 114, 103

 94, 89, 79

 70, 66, 56

 48, 44, 35

 27, 23, 13

 255, 249, 237

 255, 249, 237

 255, 241, 212


255, 255, 255


 255, 232, 186


 255, 223, 161

 255, 215, 135

 255, 206, 110

 255, 198, 84

 255, 189, 58

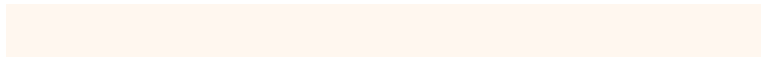
 255, 181, 33

 255, 172, 8

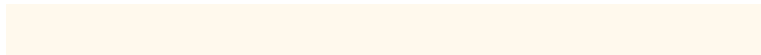
Harmonies

Analogous

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



255, 247, 239



255, 249, 237



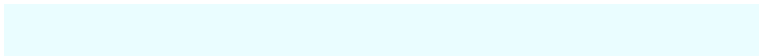
248, 251, 239

Triad

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



255, 249, 237



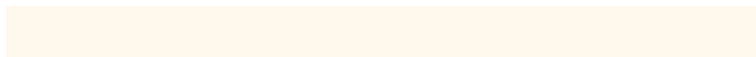
234, 253, 255



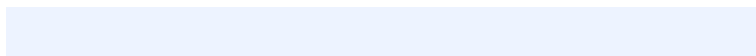
255, 246, 255

Complementary

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



255, 249, 237



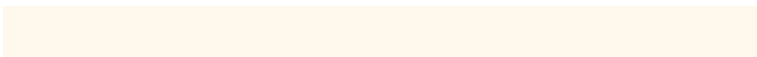
237, 243, 255

Split Complementary

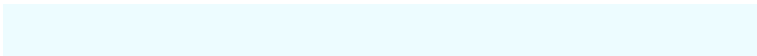
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251, 248, 255



255, 249, 237



237, 252, 255

Square

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



255, 249, 237



236, 253, 249



243, 250, 255



255, 245, 250

Rectangle

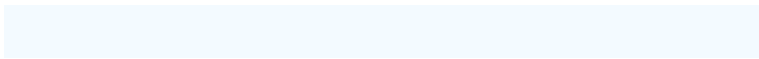
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 249, 237



243, 252, 241



243, 250, 255



255, 247, 255

Sweetspot

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



255, 249, 237



255, 253, 250



255, 237, 243



128, 127, 125



0, 0, 0



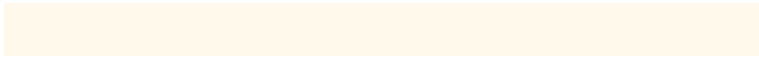
128, 128, 128

Same Dimension

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



255, 249, 237



255, 248, 235



252, 255, 237



128, 123, 115



191, 127, 0



64, 42, 0

Inverse Universe

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



237, 243, 255



235, 241, 255



240, 237, 255



115, 119, 128



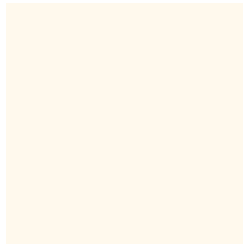
0, 64, 191



0, 21, 64

Previews

White Background



This preview shows how the RGB color 255, 249, 237 looks on a white background.

Color Contrast Check

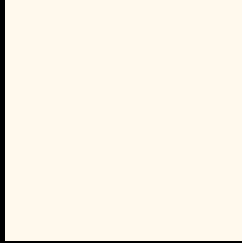
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 255, 249, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

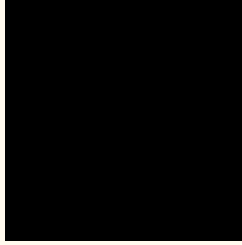
Any Text WCAG AA ✓ Pass

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](#).

RGB 255, 249, 237 Background



This preview shows how black text looks on a background with the RGB color 255, 249, 237.

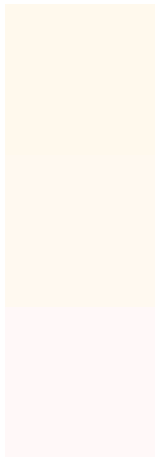


This preview shows how white text looks on a background with the RGB color 255, 249, 237.

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
255, 249, 237

Protanopia
255, 249, 240

Deuteranopia
255, 248, 248



Tritanopia

253, 248, 255

Trichromacy



Original Color

255, 249, 237

Protanomaly

255, 249, 239

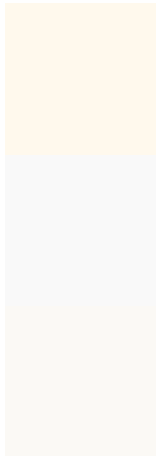
Deuteranomaly

255, 248, 244

Tritanomaly

254, 248, 248

Monochromacy



Original Color

255, 249, 237

Achromatopsia

249, 249, 249

Achromatomaly

251, 249, 245

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 249, 237 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(255, 249, 237) looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 237)  
}
```

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(255, 249, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 237) }
```

Border

The CSS property to change the border of an element to RGB 255, 249, 237 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(255, 249, 237) }
```

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

```
.border{ border-color:rgb(255, 249, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 255, 249, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 237) }
```

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

```
.background{ background-color: rgb(255,  
249, 237) }
```

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