

# Converting Colors

RGB(255, 252, 239)

Have a look what the booklet for  
RGB(255, 252, 239) contains.

<b>RGB(255, 252, 239)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(255, 252, 239)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFFCEF
RGB	255, 252, 239
RGB Percent	100%, 99%, 94%
CMY	0.0000, 0.0118, 0.0627
CMYK	0.00, 0.01, 0.06, 0.00
HSL	49°, 100%, 97%
HSV	49°, 6%, 100%
XYZ	91.6304, 97.1128, 95.5766
YIQ	251.4150, 5.9610, -3.4070

# Conversions

## Conversions Part 2

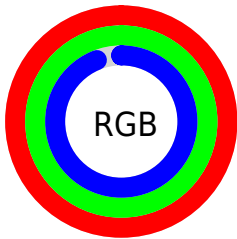
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	243, 255, 239
Decimal	16776431
CIE Lab	98.87, -1.21, 6.56
CIE LCh	99, 6.670, 100.411
Yxy	97.1128, 0.3223, 0.3416
Android (android.graphics.Color)	4294966511 (0xFFFFFCEF)
YUV	251.4150, -6.1206, 3.1440
Hunter-Lab	98.5458, -6.4814, 11.4785

# Details

The RGB color 255, 252, 239 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 239, 242, 255, and the grayscale version is 251, 251, 251.

A 20% lighter version of the original color is 255, 255, 255, and 198, 195, 183 is the 20% darker color. If you saturate the color by 10%, you get 255, 247, 214, and if you desaturate by 10%, it is 255, 255, 255.

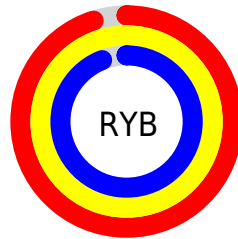
# Distribution



Red (100%)

Green (99%)

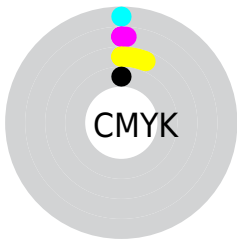
Blue (94%)



Red (95%)

Yellow (100%)

Blue (94%)

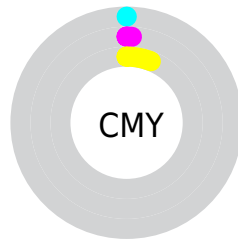


Cyan (0%)

Magenta (1%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (1%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 255, 252, 239 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, 252, 239 by changing the saturation by 10% instead.




 255, 252, 239

255, 255, 255

 255, 252, 239

 226, 223, 211

 198, 195, 183

 171, 168, 156

 144, 142, 130

 119, 116, 105

 94, 92, 81

 70, 68, 58

 48, 46, 36

 27, 25, 15

 255, 252, 239

 255, 252, 239

 255, 247, 214


255, 255, 255


 255, 242, 188


 255, 238, 163

 255, 233, 137

 255, 228, 112

 255, 223, 86

 255, 219, 60

 255, 214, 35

 255, 209, 9

# Harmonies

## Analogous

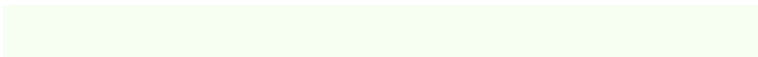
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 250, 240



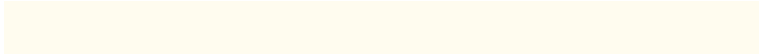
255, 252, 239



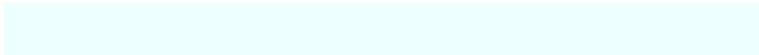
247, 254, 242

# Triad

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



255, 252, 239



237, 255, 255



255, 248, 255

# Complementary

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



255, 252, 239



239, 242, 255

# Split Complementary

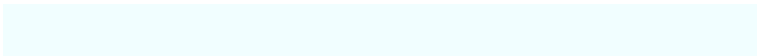
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 249, 255



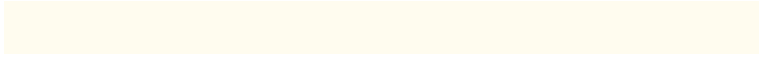
255, 252, 239



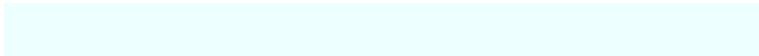
241, 254, 255

# Square

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



255, 252, 239



237, 255, 254



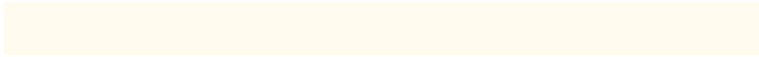
248, 252, 255



255, 247, 250

# Rectangle

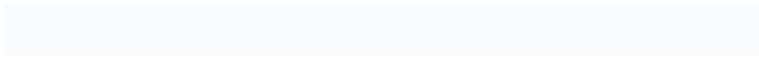
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 252, 239



243, 255, 245



248, 252, 255



255, 248, 255



# Sweetspot

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



255, 252, 239



255, 254, 250



255, 239, 242



128, 127, 125



0, 0, 0



128, 128, 128



# Same Dimension

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



255, 252, 239



255, 251, 235



250, 255, 239



128, 125, 115



191, 155, 0



64, 52, 0



# Inverse Universe

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



239, 242, 255



235, 238, 255



244, 239, 255



115, 117, 128



0, 36, 191

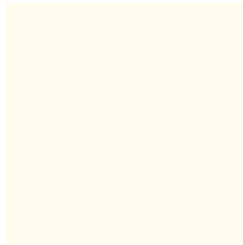


0, 12, 64



# Previews

## White Background



This preview shows how the RGB color 255, 252, 239 looks on a white background.

## Color Contrast Check

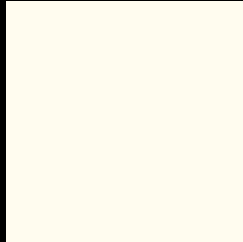
Large Text (above 18pt) WCAG AA × Fail

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, 252, 239 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

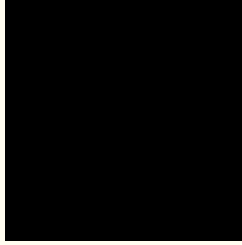
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 255, 252, 239 Background



This preview shows how black text looks on a background with the RGB color 255, 252, 239.




This preview shows how white text looks on a background with the RGB color 255, 252, 239.

# 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

A vertical rectangular area divided into three horizontal sections. The top section is a light yellow color. The middle section is a light orange color. The bottom section is a light pink color. To the right of each section is text describing the color and its RGB values.

**Original Color**  
255, 252, 239

**Protanopia**  
255, 251, 246

**Deuteranopia**  
255, 251, 251

# Tritanopia

253, 251, 255

# Trichromacy



## Original Color

255, 252, 239

## Protanomaly

255, 251, 243

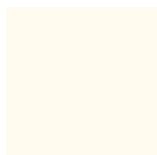
## Deuteranomaly

255, 251, 247

## Tritanomaly

254, 251, 249

# Monochromacy



## Original Color

255, 252, 239

## Achromatopsia

251, 251, 251

## Achromatomaly

252, 251, 247

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 255, 252, 239 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, 252, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 239)  
}
```

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, 252, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 239) }
```

## Border

The CSS property to change the border of an element to RGB 255, 252, 239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

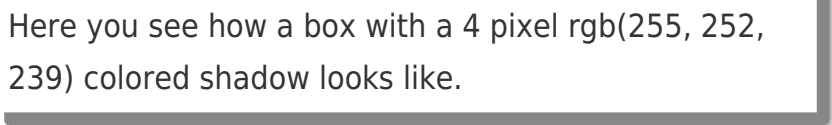
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 252, 239) }
```

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

```
.border{ border-color:rgb(255, 252, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 252, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 252, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 252, 239); box-shadow:4px 4px 4px 4px rgb(255, 252, 239) }
```

# Background

The CSS property to change the background color of an element to RGB 255, 252, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 239) }
```

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

```
.background{ background-color: rgb(255,  
252, 239) }
```

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