

Converting Colors

RGB(255, 249, 236)

Have a look what the booklet for
RGB(255, 249, 236) contains.

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Color

RGB(255, 249, 236)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9EC
RGB	255, 249, 236
RGB Percent	100%, 98%, 93%
CMY	0.0000, 0.0235, 0.0745
CMYK	0.00, 0.02, 0.07, 0.00
HSL	41°, 100%, 96%
HSV	41°, 7%, 100%
XYZ	90.2560, 95.0675, 92.9497
YIQ	249.3120, 7.7490, -2.7710

Conversions

Conversions Part 2

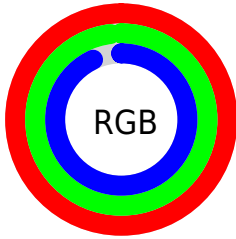
Format	Color
R _Y B	245, 255, 236
Decimal	16775660
CIE Lab	98.06, -0.19, 6.93
CIE LCh	98, 6.933, 91.542
Yxy	95.0675, 0.3243, 0.3416
Android (android.graphics.Color)	4294965740 (0xFFFFF9EC)
YUV	249.3120, -6.5628, 4.9884
Hunter-Lab	97.5026, -5.3959, 11.7303

Details

The RGB color **255, 249, 236** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **236, 242, 255**, and the grayscale version is **249, 249, 249**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 193, 180** is the 20% darker color. If you saturate the color by 10%, you get **255, 241, 211**, and if you desaturate by 10%, it is **255, 255, 255**.

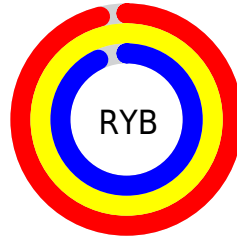
Distribution



Red (100%)

Green (98%)

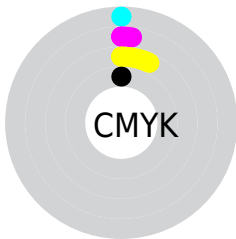
Blue (93%)



Red (96%)

Yellow (100%)

Blue (93%)

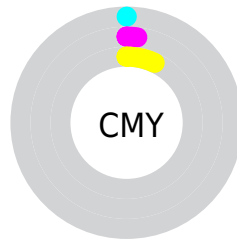


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 249, 236 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, 236 by changing the saturation by 10% instead.


 255, 249, 236


 255, 249, 236

255, 255, 255

 226, 220, 208

 198, 193, 180

 171, 165, 153

 144, 139, 127

 119, 114, 102

 94, 89, 78

 70, 66, 56

 48, 44, 34

 27, 23, 12

 255, 249, 236

 255, 249, 236

 255, 241, 211


255, 255, 255


 255, 233, 185


 255, 225, 160

 255, 217, 134

 255, 209, 109

 255, 201, 83

 255, 193, 57

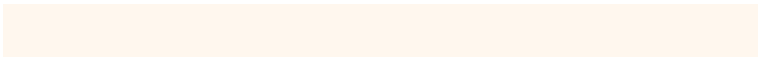
 255, 185, 32

 255, 177, 7

Harmonies

Analogous

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



255, 247, 238



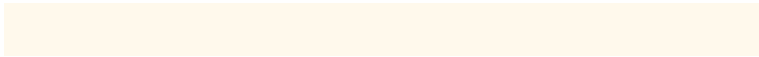
255, 249, 236



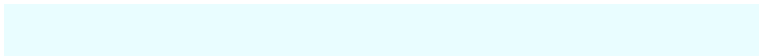
247, 251, 238

Triad

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



255, 249, 236



233, 253, 255



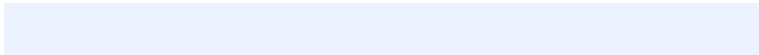
255, 246, 255

Complementary

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



255, 249, 236



236, 242, 255

Split Complementary

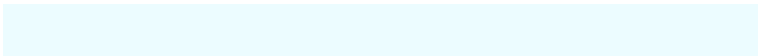
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251, 248, 255



255, 249, 236



236, 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, 236



235, 254, 249



243, 250, 255



255, 245, 249

Rectangle

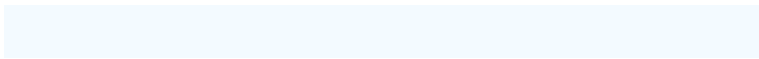
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 249, 236



242, 252, 241



243, 250, 255



255, 246, 255

Sweetspot

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



255, 249, 236



255, 253, 250



255, 236, 242



128, 127, 125



0, 0, 0



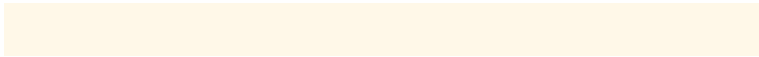
128, 128, 128

Same Dimension

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



255, 249, 236



255, 248, 232



252, 255, 236



128, 123, 115



191, 131, 0



64, 44, 0

Inverse Universe

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



236, 242, 255



232, 239, 255



239, 236, 255



115, 119, 128



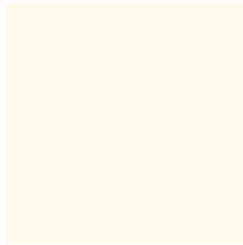
0, 60, 191



0, 20, 64

Previews

White Background



This preview shows how the RGB color 255, 249, 236 looks on a white background.

Color Contrast Check

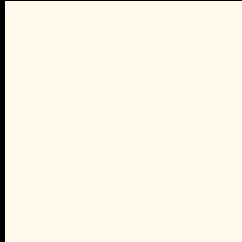
Large Text (above 18pt) WCAG AA × Fail

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, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

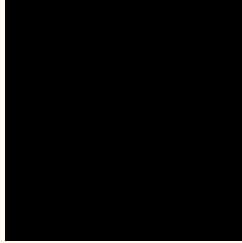
Any Text WCAG AA ✓ Pass

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, 236 Background



This preview shows how black text looks on a background with the RGB color 255, 249, 236.

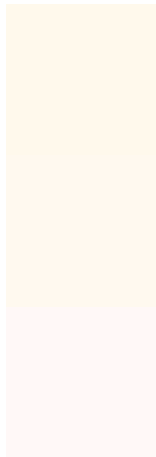


This preview shows how white text looks on a background with the RGB color 255, 249, 236.

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, 236](#)

Protanopia
[255, 249, 239](#)

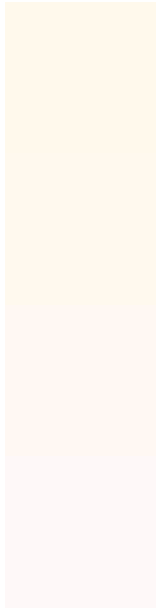
Deuteranopia
[255, 248, 247](#)



Tritanopia

253, 248, 255

Trichromacy



Original Color

255, 249, 236

Protanomaly

255, 249, 238

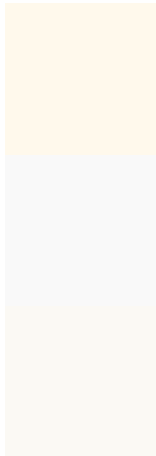
Deuteranomaly

255, 248, 243

Tritanomaly

254, 248, 248

Monochromacy



Original Color

255, 249, 236

Achromatopsia

249, 249, 249

Achromatomaly

251, 249, 244

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 249, 236 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 236) }
```

Border

The CSS property to change the border of an element to RGB 255, 249, 236 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, 236) }
```

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

```
.border{ border-color:rgb(255, 249, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 255, 249, 236 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, 236) }
```

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

```
.background{ background-color: rgb(255,  
249, 236) }
```

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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