

Converting Colors

RGB(255, 244, 213)

Have a look what the booklet for
RGB(255, 244, 213) contains.

RGB(255, 244, 213)	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, 244, 213)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4D5
RGB	255, 244, 213
RGB Percent	100%, 96%, 84%
CMY	0.0000, 0.0431, 0.1647
CMYK	0.00, 0.04, 0.16, 0.00
HSL	44°, 100%, 92%
HSV	44°, 16%, 100%
XYZ	85.6009, 90.7655, 75.9586
YIQ	243.7550, 16.5070, -7.3090

Conversions

Conversions Part 2

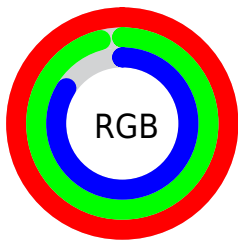
Format	Color
R_{YB}	228, 255, 213
Decimal	16774357
CIE Lab	96.31, -1.25, 16.26
CIE LCh	96, 16.313, 94.410
Yxy	90.7655, 0.3392, 0.3597
Android (android.graphics.Color)	4294964437 (0xFFFFF4D5)
YUV	243.7550, -15.1622, 9.8619
Hunter-Lab	95.2709, -6.3418, 19.4183

Details

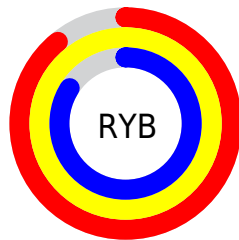
The RGB color **255, 244, 213** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **213, 224, 255**, and the grayscale version is **244, 244, 244**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 188, 158** is the 20% darker color. If you saturate the color by 10%, you get **255, 237, 188**, and if you desaturate by 10%, it is **255, 251, 239**.

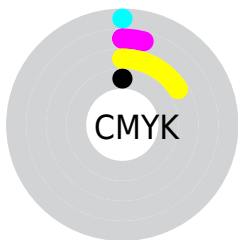
Distribution



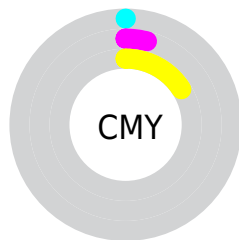
- Red (100%)
- Green (96%)
- Blue (84%)



- Red (89%)
- Yellow (100%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 244, 213 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, 244, 213 by changing the saturation by 10% instead.


 255, 244, 213

255, 255, 255


 255, 244, 213

 226, 216, 185

 198, 188, 158

 171, 161, 132

 144, 135, 107

 118, 109, 83

 93, 85, 59

 69, 62, 37

 46, 40, 17

 25, 20, 0

255, 244, 213

255, 244, 213

255, 237, 188

255, 251, 239

255, 231, 162

255, 255, 255

255, 224, 137

255, 217, 111

255, 211, 86

255, 204, 60

255, 197, 34

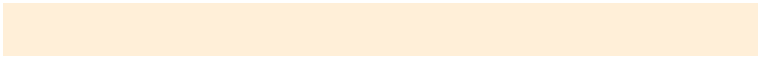
255, 191, 9

255, 188, 0

Harmonies

Analogous

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



255, 239, 216



255, 244, 213



237, 249, 218

Triad

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



255, 244, 213



204, 253, 255



255, 235, 255

Complementary

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



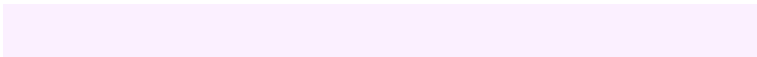
255, 244, 213



213, 224, 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, 240, 255



255, 244, 213



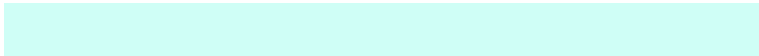
213, 250, 255

Square

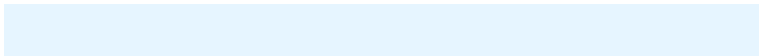
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 244, 213



207, 254, 246



230, 245, 255



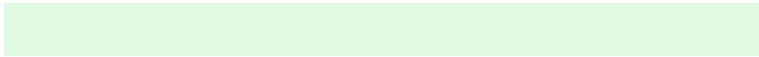
255, 234, 243

Rectangle

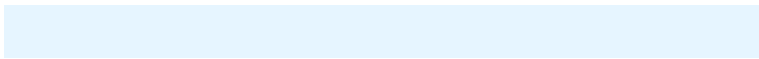
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 244, 213



225, 251, 226



230, 245, 255



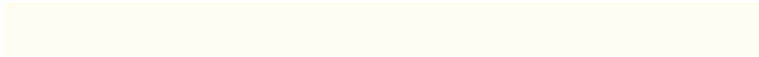
255, 237, 255

Sweetspot

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



255, 244, 213



255, 252, 242



255, 213, 224



128, 125, 120



0, 0, 0



128, 128, 128

Same Dimension

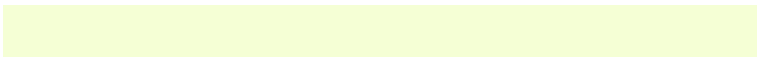
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 244, 213



255, 242, 204



245, 255, 213



128, 124, 115



191, 141, 0



64, 47, 0

Inverse Universe

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



213, 224, 255



204, 217, 255



223, 213, 255



115, 118, 128



0, 50, 191



0, 17, 64

Previews

White Background



This preview shows how the RGB color 255, 244, 213 looks on a white background.

Color Contrast Check

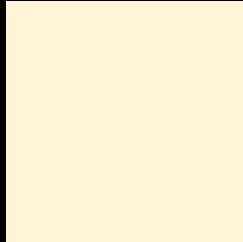
Large Text (above 18pt) WCAG AA × Fail

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, 244, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

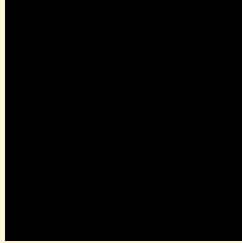
Any Text WCAG AA ✓ Pass

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, 244, 213 Background



This preview shows how black text looks on a background with the RGB color 255, 244, 213.

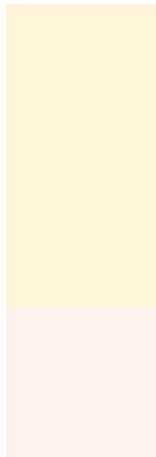


This preview shows how white text looks on a background with the RGB color 255, 244, 213.

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, 244, 213

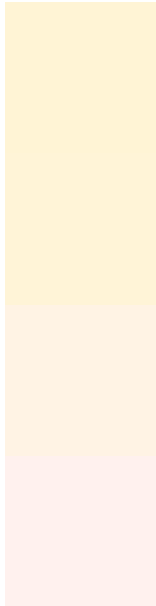
Protanopia
255, 244, 216

Deuteranopia
255, 242, 236



Tritanopia
255, 240, 252

Trichromacy



Original Color

255, 244, 213

Protanomaly

255, 244, 215

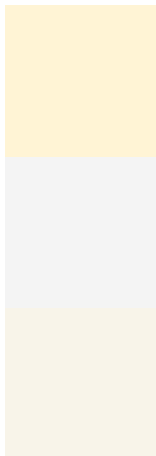
Deuteranomaly

255, 243, 228

Tritanomaly

255, 241, 238

Monochromacy



Original Color

255, 244, 213

Achromatopsia

244, 244, 244

Achromatomaly

248, 244, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 244, 213 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, 244, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 213)  
}
```

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, 244, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 213) }
```

Border

The CSS property to change the border of an element to RGB 255, 244, 213 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, 244, 213) }
```

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

```
.border{ border-color:rgb(255, 244, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 255, 244, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 213) }
```

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

```
.background{ background-color: rgb(255,  
244, 213) }
```

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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