

Converting Colors

RGB(255, 247, 231)

Have a look what the booklet for
RGB(255, 247, 231) contains.

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Color

RGB(255, 247, 231)

Conversions

Conversions Part 1

Format	Color
Hex	FFF7E7
RGB	255, 247, 231
RGB Percent	100%, 97%, 91%
CMY	0.0000, 0.0314, 0.0941
CMYK	0.00, 0.03, 0.09, 0.00
HSL	40°, 100%, 95%
HSV	40°, 9%, 100%
XYZ	88.9246, 93.5511, 88.9716
YIQ	247.5680, 9.9040, -3.2800

Conversions

Conversions Part 2

Format	Color
R _Y B	243, 255, 231
Decimal	16775143
CIE Lab	97.45, 0.01, 8.63
CIE LCh	97, 8.625, 89.914
Yxy	93.5511, 0.3276, 0.3446
Android (android.graphics.Color)	4294965223 (0xFFFFF7E7)
YUV	247.5680, -8.1680, 6.5179
Hunter-Lab	96.7218, -5.1529, 13.1661

Details

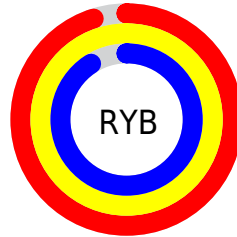
The RGB color **255, 247, 231** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **231, 239, 255**, and the grayscale version is **248, 248, 248**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 191, 175** is the 20% darker color. If you saturate the color by 10%, you get **255, 239, 206**, and if you desaturate by 10%, it is **255, 255, 255**.

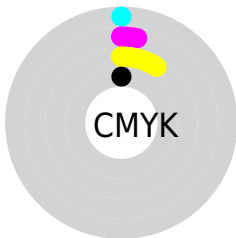
Distribution



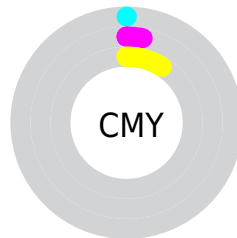
- Red (100%)
- Green (97%)
- Blue (91%)



- Red (95%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (0%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 247, 231 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, 247, 231 by changing the saturation by 10% instead.


 255, 247, 231

 255, 247, 231

255, 255, 255

 226, 219, 203

 198, 191, 175


 171, 164, 149

 144, 137, 123

 119, 112, 98

 94, 88, 74

 70, 64, 52

 48, 42, 31

 27, 22, 6

255, 247, 231

255, 247, 231

255, 239, 206

255, 255, 255

255, 230, 180

255, 222, 155

255, 213, 129

255, 205, 104

255, 196, 78

255, 188, 53

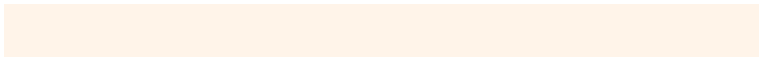
255, 179, 27

255, 171, 2

Harmonies

Analogous

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



255, 244, 233



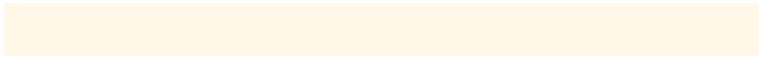
255, 247, 231



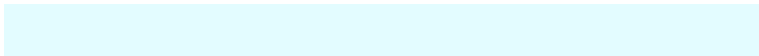
245, 250, 233

Triad

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



255, 247, 231



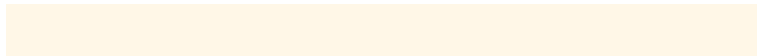
227, 252, 255



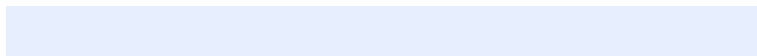
255, 243, 255

Complementary

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



255, 247, 231



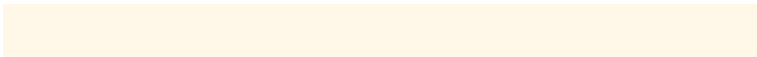
231, 239, 255

Split Complementary

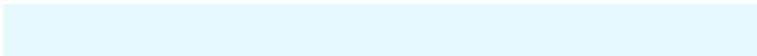
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250, 246, 255



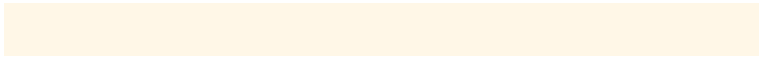
255, 247, 231



231, 251, 255

Square

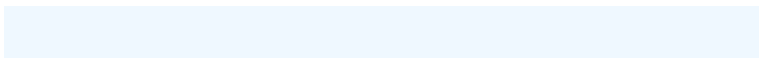
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 247, 231



229, 253, 247



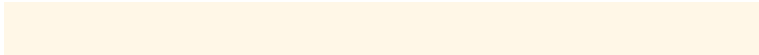
239, 248, 255



255, 242, 248

Rectangle

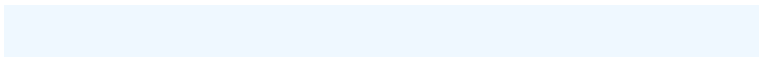
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 247, 231



239, 251, 237



239, 248, 255



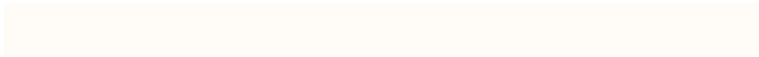
255, 244, 255

Sweetspot

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



255, 247, 231



255, 252, 247



255, 231, 239



128, 126, 122



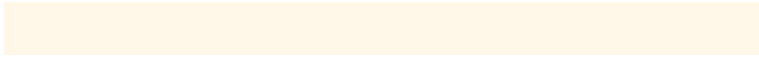
0, 0, 0



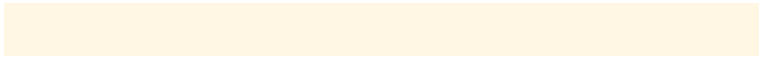
128, 128, 128

Same Dimension

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



255, 247, 231



255, 246, 227



251, 255, 231



128, 123, 115



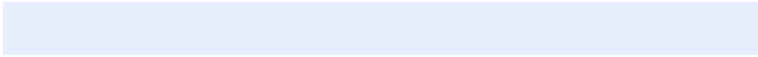
191, 128, 0



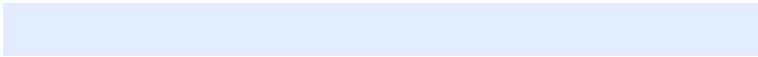
64, 43, 0

Inverse Universe

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



231, 239, 255



227, 236, 255



235, 231, 255



115, 119, 128



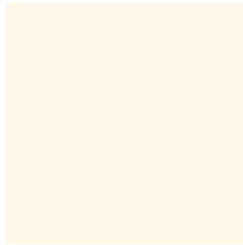
0, 64, 191



0, 21, 64

Previews

White Background



This preview shows how the RGB color 255, 247, 231 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, 247, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

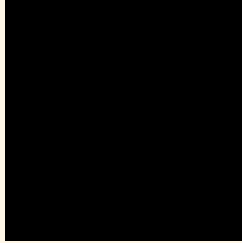
Any Text WCAG AA ✓ Pass

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, 247, 231 Background



This preview shows how black text looks on a background with the RGB color 255, 247, 231.

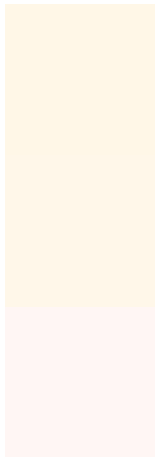


This preview shows how white text looks on a background with the RGB color 255, 247, 231.

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, 247, 231

Protanopia
255, 247, 233

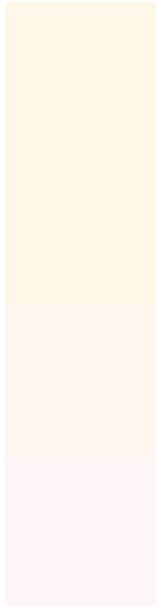
Deuteranopia
255, 246, 244



Tritanopia

254, 245, 255

Trichromacy



Original Color

255, 247, 231

Protanomaly

255, 247, 232

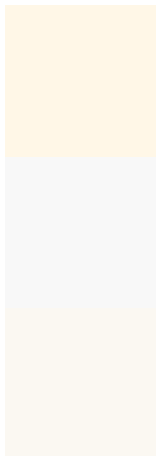
Deuteranomaly

255, 246, 239

Tritanomaly

254, 246, 246

Monochromacy



Original Color

255, 247, 231

Achromatopsia

248, 248, 248

Achromatomaly

251, 248, 242

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 247, 231 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, 247, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 231)  
}
```

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, 247, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 231) }
```

Border

The CSS property to change the border of an element to RGB 255, 247, 231 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, 247, 231) }
```

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

```
.border{ border-color:rgb(255, 247, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 247, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 247, 231); box-shadow:4px 4px 4px 4px rgb(255, 247, 231) }
```

Background

The CSS property to change the background color of an element to RGB 255, 247, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 231) }
```

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

```
.background{ background-color: rgb(255,  
247, 231) }
```

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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