

Converting Colors

RGB(247, 240, 231)

Have a look what the booklet for
RGB(247, 240, 231) contains.

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Color

RGB(247, 240, 231)

Conversions

Conversions Part 1

Format	Color
Hex	F7F0E7
RGB	247, 240, 231
RGB Percent	97%, 94%, 91%
CMY	0.0314, 0.0588, 0.0941
CMYK	0.00, 0.03, 0.06, 0.03
HSL	34°, 50%, 94%
HSV	34°, 6%, 97%
XYZ	83.9417, 87.8639, 88.1365
YIQ	241.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

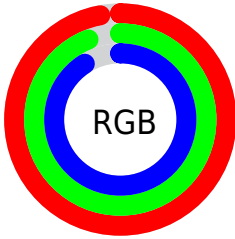
Format	Color
R_{YB}	243, 247, 231
Decimal	16249063
CIE Lab	95.10, 0.82, 5.17
CIE LCh	95, 5.230, 80.980
Yxy	87.8639, 0.3229, 0.3380
Android (android.graphics.Color)	4294439143 (0xFF7F0E7)
YUV	241.0670, -4.9630, 5.2032
Hunter-Lab	93.7357, -4.1882, 9.8666

Details

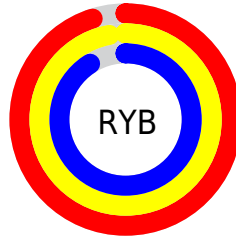
The RGB color **247, 240, 231** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **231, 238, 247**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **191, 184, 175** is the 20% darker color. If you saturate the color by 10%, you get **247, 229, 206**, and if you desaturate by 10%, it is **247, 251, 255**.

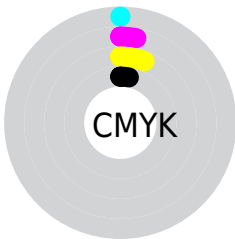
Distribution



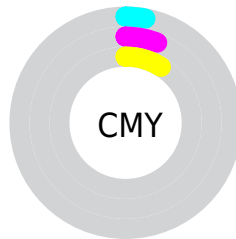
- Red (97%)
- Green (94%)
- Blue (91%)



- Red (95%)
- Yellow (97%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (3%)



- Cyan (3%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 240, 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 247, 240, 231 by changing the saturation by 10% instead.

■ 247, 240, 231

255, 255, 255

■ 247, 240, 231

■ 218, 212, 203

■ 191, 184, 175

■ 164, 157, 149

■ 137, 131, 123

■ 112, 106, 98

■ 87, 82, 74

■ 64, 59, 52

■ 42, 37, 31

■ 22, 16, 6

 247, 240, 231

 247, 240, 231


 247, 229, 206


 247, 251, 255

 247, 218, 182


 247, 255, 255


 247, 208, 157

 247, 197, 132

 247, 186, 108

 247, 175, 83

 247, 164, 58

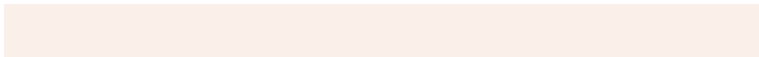
 247, 154, 33

 247, 143, 9

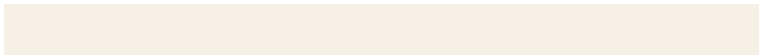
Harmonies

Analogous

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



251, 239, 233



247, 240, 231



241, 242, 231

Triad

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



247, 240, 231



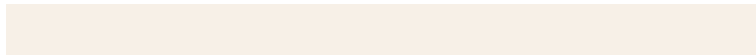
229, 244, 244



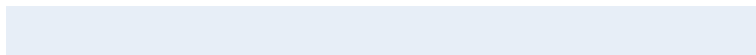
246, 239, 247

Complementary

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



247, 240, 231



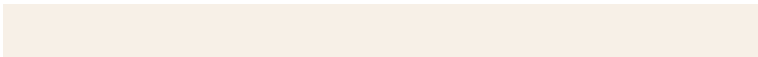
231, 238, 247

Split Complementary

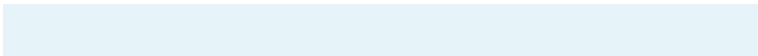
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240, 240, 250



247, 240, 231



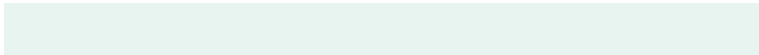
230, 243, 249

Square

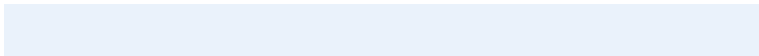
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



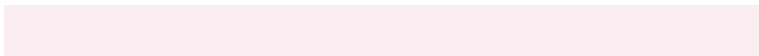
247, 240, 231



231, 244, 239



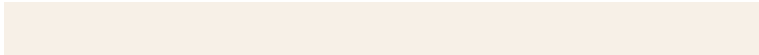
234, 242, 251



251, 238, 243

Rectangle

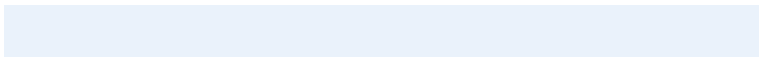
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247, 240, 231



237, 243, 233



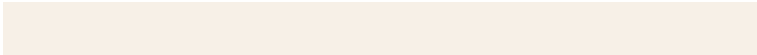
234, 242, 251



244, 239, 249

Sweetspot

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



247, 240, 231



255, 253, 250



247, 231, 238



128, 126, 125



0, 0, 0



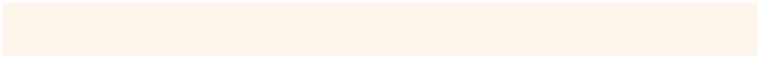
128, 128, 128

Same Dimension

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



247, 240, 231



255, 246, 235



246, 247, 231



122, 117, 110



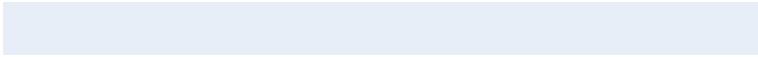
186, 105, 0



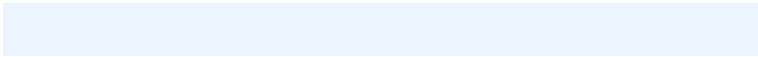
59, 33, 0

Inverse Universe

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



231, 238, 247



235, 244, 255



232, 231, 247



110, 116, 122



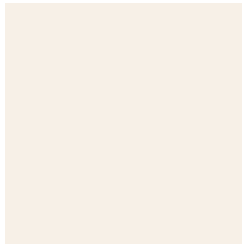
0, 81, 186



0, 26, 59

Previews

White Background



This preview shows how the RGB color 247, 240, 231 looks on a white background.

Color Contrast Check

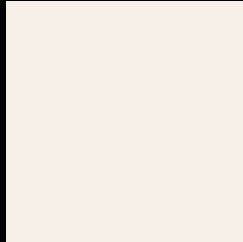
Large Text (above 18pt) WCAG AA × Fail

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 247, 240, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

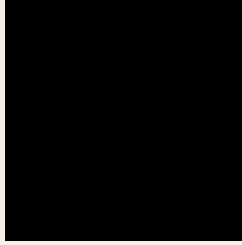
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

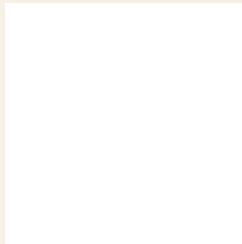
Any Text WCAG AAA ✓ Pass

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

RGB 247, 240, 231 Background



This preview shows how black text looks on a background with the RGB color 247, 240, 231.

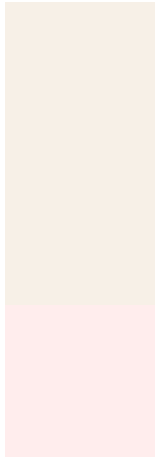


This preview shows how white text looks on a background with the RGB color 247, 240, 231.

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
247, 240, 231

Protanopia
247, 240, 231

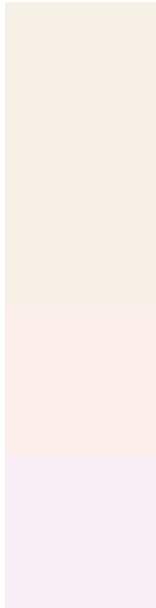
Deuteranopia
255, 237, 237



Tritanopia

250, 236, 255

Trichromacy



Original Color

247, 240, 231

Protanomaly

247, 240, 231

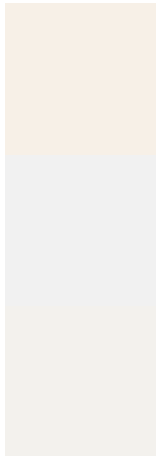
Deuteranomaly

252, 238, 235

Tritanomaly

249, 237, 246

Monochromacy



Original Color

247, 240, 231

Achromatopsia

241, 241, 241

Achromatomaly

243, 241, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 240, 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(247, 240, 231) looks like.

```
.text, #text, p{  
    color:rgb(247, 240, 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(247, 240, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 240, 231) }
```

Border

The CSS property to change the border of an element to RGB 247, 240, 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(247, 240, 231) }
```

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

```
.border{ border-color:rgb(247, 240, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 240, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 240, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 240, 231);  
box-shadow:4px 4px 4px 4px rgb(247, 240,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 247, 240, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 240, 231) }
```

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

```
.background{ background-color: rgb(247,  
240, 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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