

Converting Colors

RGB(249, 241, 231)

Have a look what the booklet for
RGB(249, 241, 231) contains.

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Color

RGB(249, 241, 231)

Conversions

Conversions Part 1

Format	Color
Hex	F9F1E7
RGB	249, 241, 231
RGB Percent	98%, 95%, 91%
CMY	0.0235, 0.0549, 0.0941
CMYK	0.00, 0.03, 0.07, 0.02
HSL	33°, 60%, 94%
HSV	33°, 7%, 98%
XYZ	84.9460, 88.8199, 88.2681
YIQ	242.2520, 7.9780, -1.4140

Conversions

Conversions Part 2

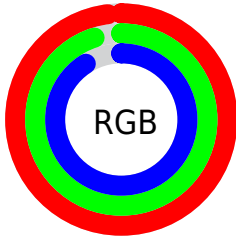
Format	Color
R_{YB}	245, 249, 231
Decimal	16380391
CIE Lab	95.51, 1.00, 5.76
CIE LCh	96, 5.850, 80.207
Yxy	88.8199, 0.3242, 0.3390
Android (android.graphics.Color)	4294570471 (0xFF9F1E7)
YUV	242.2520, -5.5472, 5.9180
Hunter-Lab	94.2443, -4.0385, 10.4407

Details

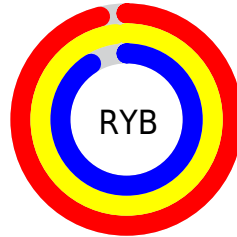
The RGB color **249, 241, 231** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **231, 239, 249**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **193, 185, 175** is the 20% darker color. If you saturate the color by 10%, you get **249, 230, 206**, and if you desaturate by 10%, it is **249, 252, 255**.

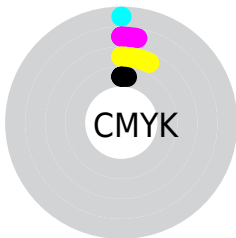
Distribution



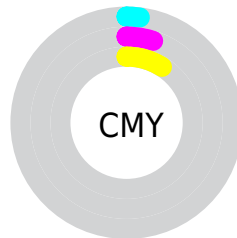
- Red (98%)
- Green (95%)
- Blue (91%)



- Red (96%)
- Yellow (98%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 241, 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 249, 241, 231 by changing the saturation by 10% instead.


 249, 241, 231


255, 255, 255

 249, 241, 231

 220, 213, 203

 193, 185, 175

 165, 158, 149

 139, 132, 123

 114, 107, 98

 89, 83, 74

 66, 60, 52

 43, 38, 31

 24, 17, 6

 249, 241, 231

 249, 241, 231


 249, 230, 206

 249, 252, 255


 249, 219, 181


 249, 255, 255

 249, 208, 156

 249, 197, 131

 249, 186, 106

 249, 175, 82

 249, 164, 57

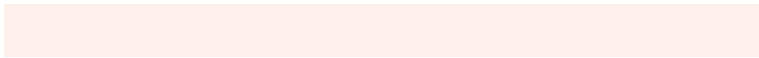
 249, 152, 32

 249, 141, 7

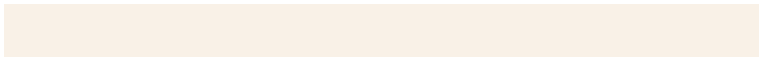
Harmonies

Analogous

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



253, 239, 234



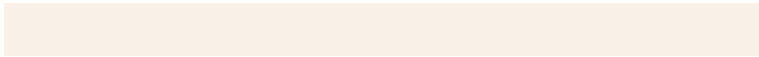
249, 241, 231



243, 243, 231

Triad

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



249, 241, 231



229, 245, 246



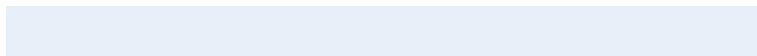
248, 240, 249

Complementary

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



249, 241, 231



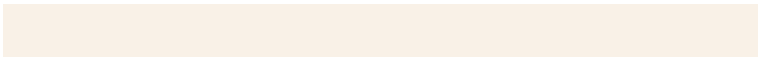
231, 239, 249

Split Complementary

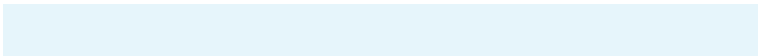
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241, 241, 253



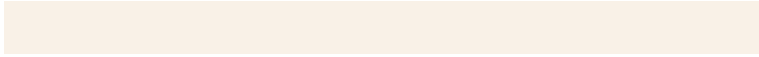
249, 241, 231



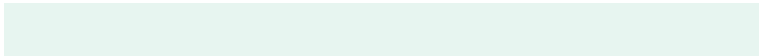
230, 245, 251

Square

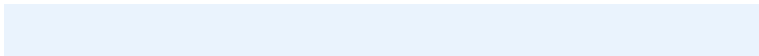
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



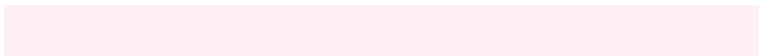
249, 241, 231



231, 245, 240



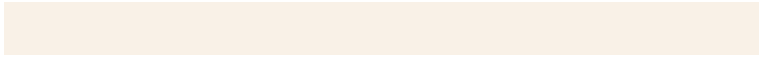
234, 243, 253



253, 239, 244

Rectangle

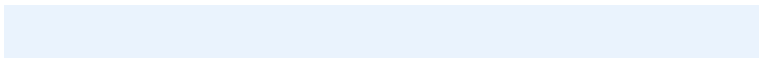
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249, 241, 231



238, 244, 233



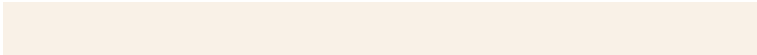
234, 243, 253



246, 240, 251

Sweetspot

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



249, 241, 231



255, 253, 250



249, 231, 239



128, 126, 125



0, 0, 0



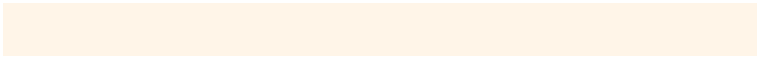
128, 128, 128

Same Dimension

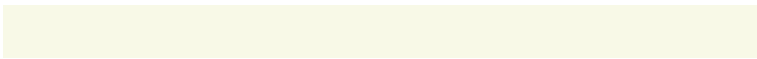
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 241, 231



255, 245, 232



248, 249, 231



125, 119, 112



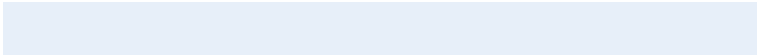
189, 105, 0



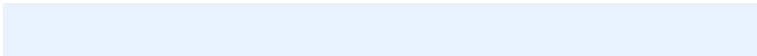
61, 34, 0

Inverse Universe

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



231, 239, 249



232, 242, 255



232, 231, 249



112, 118, 125



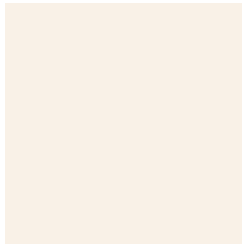
0, 84, 189



0, 27, 61

Previews

White Background



This preview shows how the RGB color 249, 241, 231 looks on a white background.

Color Contrast Check

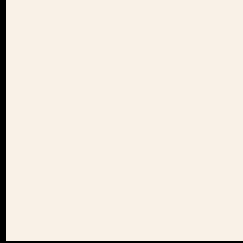
Large Text (above 18pt) WCAG AA × Fail

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 249, 241, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

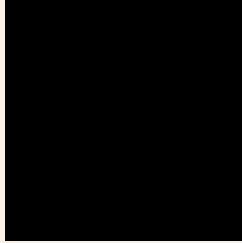
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

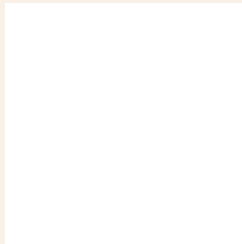
Any Text WCAG AAA ✓ Pass

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

RGB 249, 241, 231 Background



This preview shows how black text looks on a background with the RGB color 249, 241, 231.

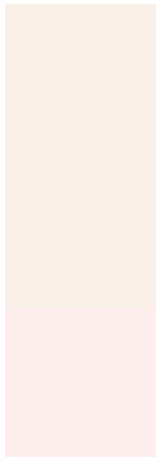


This preview shows how white text looks on a background with the RGB color 249, 241, 231.

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
249, 241, 231

Protanopia
249, 241, 231

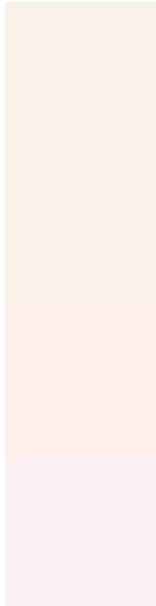
Deuteranopia
255, 238, 238



Tritanopia

252, 238, 255

Trichromacy



Original Color

249, 241, 231

Protanomaly

249, 241, 231

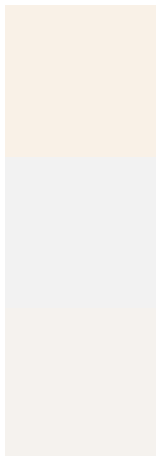
Deuteranomaly

253, 239, 235

Tritanomaly

251, 239, 246

Monochromacy



Original Color

249, 241, 231

Achromatopsia

242, 242, 242

Achromatomaly

245, 242, 238

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 241, 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(249, 241, 231) looks like.

```
.text, #text, p{  
    color:rgb(249, 241, 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(249, 241, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 241, 231) }
```

Border

The CSS property to change the border of an element to RGB 249, 241, 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(249, 241, 231) }
```

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

```
.border{ border-color:rgb(249, 241, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 241, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 241, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 241, 231);  
box-shadow:4px 4px 4px 4px rgb(249, 241,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 249, 241, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 241, 231) }
```

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

```
.background{ background-color: rgb(249,  
241, 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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