

Converting Colors

RGB(247, 240, 221)

Have a look what the booklet for
RGB(247, 240, 221) contains.

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Color

RGB(247, 240, 221)

Conversions

Conversions Part 1

Format	Color
Hex	F7F0DD
RGB	247, 240, 221
RGB Percent	97%, 94%, 87%
CMY	0.0314, 0.0588, 0.1333
CMYK	0.00, 0.03, 0.11, 0.03
HSL	44°, 62%, 92%
HSV	44°, 11%, 97%
XYZ	82.5690, 87.3148, 80.9082
YIQ	239.9270, 10.2710, -4.4250

Conversions

Conversions Part 2

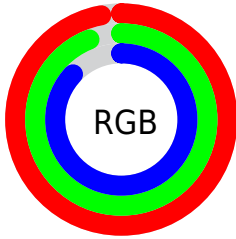
Format	Color
RYB	231, 247, 221
Decimal	16249053
CIELab	94.87, -0.81, 10.01
CIELCh	95, 10.040, 94.626
Yxy	87.3148, 0.3292, 0.3482
Android (android.graphics.Color)	4294439133 (0xFFFF7F0DD)
YUV	239.9270, -9.3310, 6.2030
Hunter-Lab	93.4424, -5.7952, 14.0727

Details

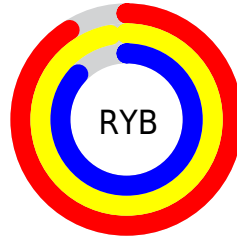
The RGB color **247, 240, 221** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **221, 228, 247**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is 255, 255, 255, and **191, 184, 166** is the 20% darker color. If you saturate the color by 10%, you get **247, 233, 196**, and if you desaturate by 10%, it is **247, 247, 246**.

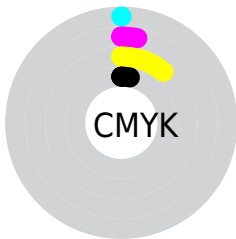
Distribution



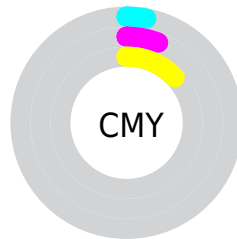
- Red (97%)
- Green (94%)
- Blue (87%)



- Red (91%)
- Yellow (97%)
- Blue (87%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (3%)



- Cyan (3%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 247, 240, 221 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, 221 by changing the saturation by 10% instead.


 247, 240, 221


255, 255, 255

 247, 240, 221

 218, 212, 193

 191, 184, 166


 163, 157, 140


 137, 131, 114

 112, 106, 90

 87, 82, 66

 64, 59, 44

 41, 37, 23

 21, 16, 0

 247, 240, 221

 247, 240, 221

 247, 233, 196

 247, 247, 246

 247, 227, 172


 247, 253, 255


 247, 220, 147


 247, 255, 255

 247, 213, 122

 247, 207, 98

 247, 200, 73

 247, 193, 48

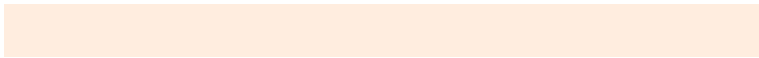
 247, 187, 23

 247, 180, 0

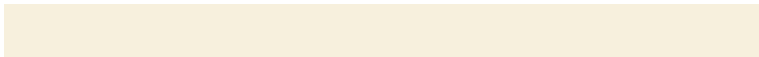
Harmonies

Analogous

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



255, 237, 223



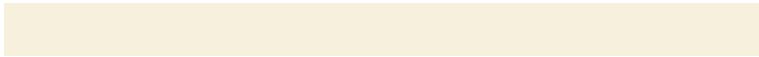
247, 240, 221



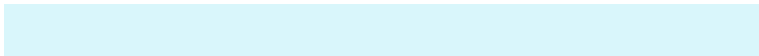
236, 243, 224

Triad

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



247, 240, 221



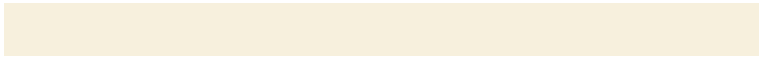
217, 246, 251



255, 235, 249

Complementary

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



247, 240, 221



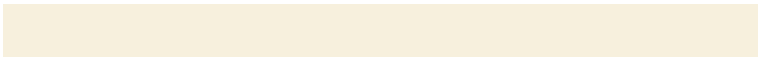
221, 228, 247

Split Complementary

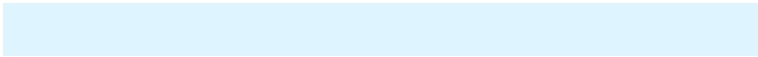
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244, 237, 255



247, 240, 221



222, 244, 255

Square

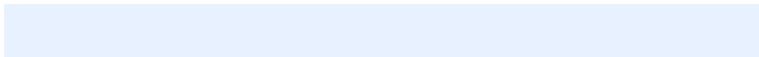
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247, 240, 221



218, 246, 241



232, 241, 255



255, 234, 239

Rectangle

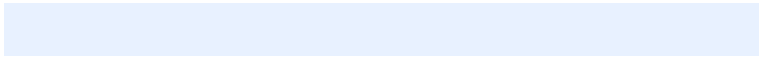
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



247, 240, 221



228, 245, 229



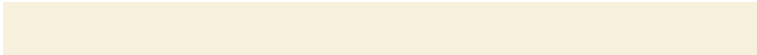
232, 241, 255



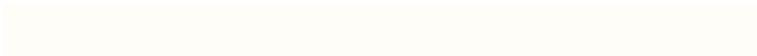
252, 236, 252

Sweetspot

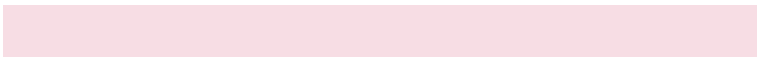
The Sweet Spot groups the original color and five complimentary colors.



247, 240, 221



255, 253, 247



247, 221, 228



128, 126, 122



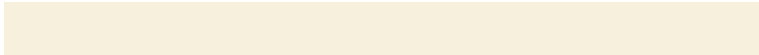
0, 0, 0



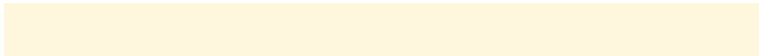
128, 128, 128

Same Dimension

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



247, 240, 221



255, 246, 222



241, 247, 221



122, 119, 110



186, 136, 0



59, 43, 0

Inverse Universe

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



221, 228, 247



222, 231, 255



227, 221, 247



110, 113, 122



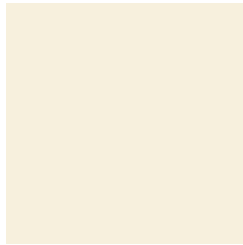
0, 50, 186



0, 16, 59

Previews

White Background



This preview shows how the RGB color 247, 240, 221 looks on a white background.

Color Contrast Check

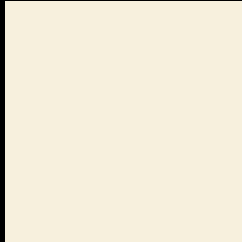
Large Text (above 18pt) WCAG AA × Fail

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, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

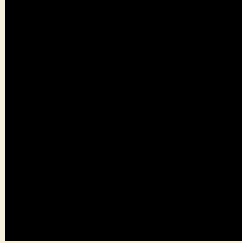
Any Text WCAG AA ✓ Pass

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, 221 Background



This preview shows how black text looks on a background with the RGB color 247, 240, 221.

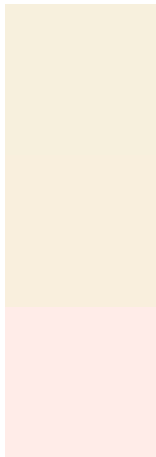


This preview shows how white text looks on a background with the RGB color 247, 240, 221.

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, 221

Protanopia
249, 239, 221

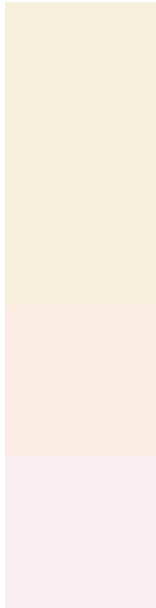
Deuteranopia
255, 236, 232



Tritanopia

252, 235, 254

Trichromacy



Original Color

247, 240, 221

Protanomaly

248, 239, 221

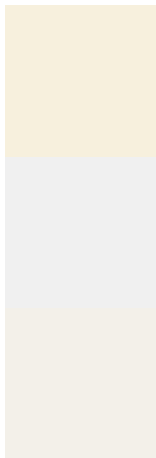
Deuteranomaly

252, 237, 228

Tritanomaly

250, 237, 242

Monochromacy



Original Color

247, 240, 221

Achromatopsia

240, 240, 240

Achromatomaly

243, 240, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 240, 221 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(247, 240, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 240, 221) }
```

Border

The CSS property to change the border of an element to RGB 247, 240, 221 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, 221) }
```

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

```
.border{ border-color:rgb(247, 240, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 240, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 240, 221);  
box-shadow:4px 4px 4px 4px rgb(247, 240,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 247, 240, 221 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, 221) }
```

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

```
.background{ background-color: rgb(247,  
240, 221) }
```

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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