

Converting Colors

RGB(253, 240, 221)

Have a look what the booklet for
RGB(253, 240, 221) contains.

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Color

RGB(253, 240, 221)

Conversions

Conversions Part 1

Format	Color
Hex	FDF0DD
RGB	253, 240, 221
RGB Percent	99%, 94%, 87%
CMY	0.0078, 0.0588, 0.1333
CMYK	0.00, 0.05, 0.13, 0.01
HSL	36°, 89%, 93%
HSV	36°, 13%, 99%
XYZ	84.7192, 88.4233, 81.0088
YIQ	241.7210, 13.8470, -3.1530

Conversions

Conversions Part 2

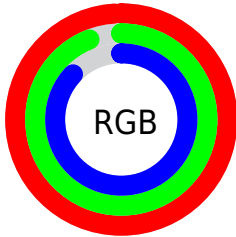
Format	Color
R_{YB}	243, 253, 221
Decimal	16642269
CIE Lab	95.34, 1.28, 10.74
CIE LCh	95, 10.814, 83.189
Yxy	88.4233, 0.3333, 0.3479
Android (android.graphics.Color)	4294832349 (0xFFFD0DD)
YUV	241.7210, -10.2155, 9.8917
Hunter-Lab	94.0337, -3.7400, 14.7460

Details

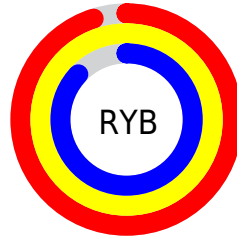
The RGB color **253, 240, 221** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **221, 234, 253**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is 255, 255, 255, and **196, 184, 166** is the 20% darker color. If you saturate the color by 10%, you get **253, 230, 196**, and if you desaturate by 10%, it is 253, 250, 246.

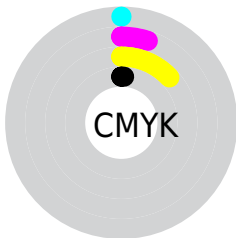
Distribution



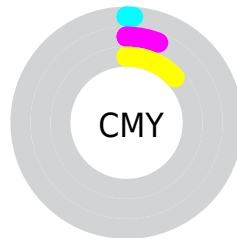
- Red (99%)
- Green (94%)
- Blue (87%)



- Red (95%)
- Yellow (99%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (13%)
- Black (1%)



- Cyan (1%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 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 253, 240, 221 by changing the saturation by 10% instead.

 253, 240, 221


255, 255, 255

 253, 240, 221

 224, 212, 193

 196, 184, 166

 169, 157, 140

 142, 131, 114

 117, 106, 90

 92, 82, 66

 68, 59, 44

 45, 37, 23

 26, 16, 0

253, 240, 221

253, 240, 221

253, 230, 196

253, 250, 246

253, 219, 170

253, 255, 255

253, 209, 145

253, 199, 120

253, 189, 95

253, 178, 69

253, 168, 44

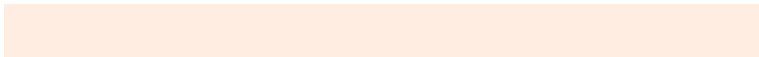
253, 158, 19

253, 150, 0

Harmonies

Analogous

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



255, 237, 225



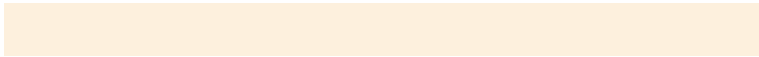
253, 240, 221



241, 243, 222

Triad

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



253, 240, 221



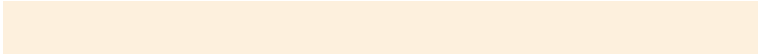
216, 248, 249



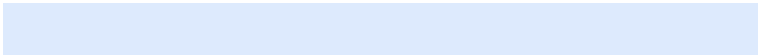
253, 237, 254

Complementary

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



253, 240, 221



221, 234, 253

Split Complementary

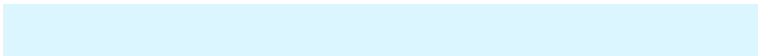
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241, 240, 255



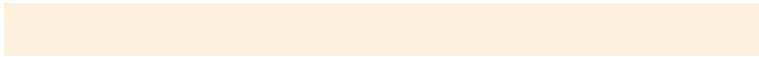
253, 240, 221



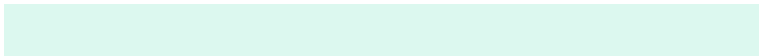
219, 246, 255

Square

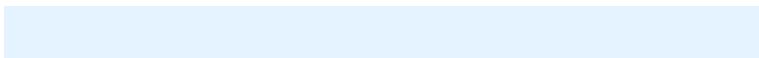
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



253, 240, 221



220, 248, 239



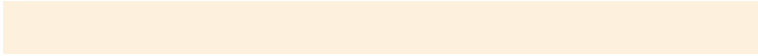
228, 243, 255



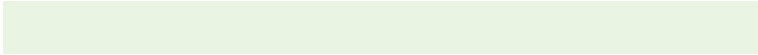
255, 235, 244

Rectangle

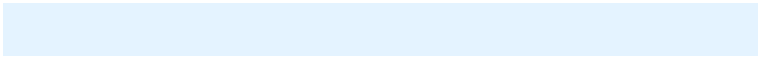
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



253, 240, 221



233, 245, 226



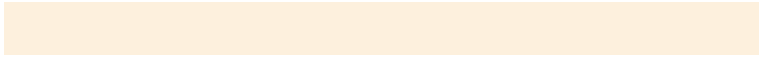
228, 243, 255



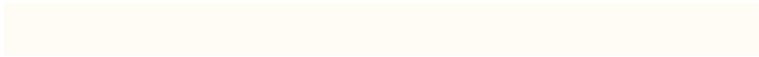
249, 238, 255

Sweetspot

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



253, 240, 221



255, 251, 245



253, 221, 234



128, 125, 121



0, 0, 0



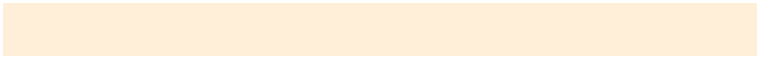
128, 128, 128

Same Dimension

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



253, 240, 221



255, 239, 217



250, 253, 221



128, 122, 115



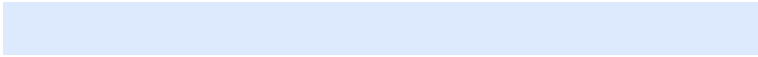
191, 114, 0



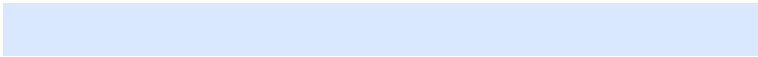
64, 38, 0

Inverse Universe

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



221, 234, 253



217, 232, 255



224, 221, 253



115, 120, 128



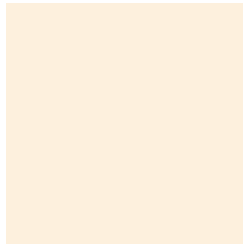
0, 78, 191



0, 26, 64

Previews

White Background



This preview shows how the RGB color 253, 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 253, 240, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

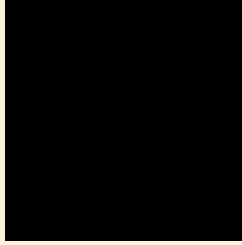
Any Text WCAG AA ✓ Pass

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 253, 240, 221 Background



This preview shows how black text looks on a background with the RGB color 253, 240, 221.

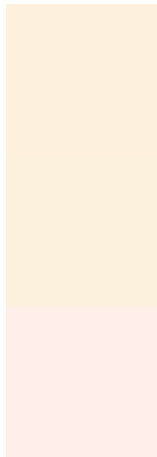


This preview shows how white text looks on a background with the RGB color 253, 240, 221.

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
253, 240, 221

Protanopia
251, 241, 221

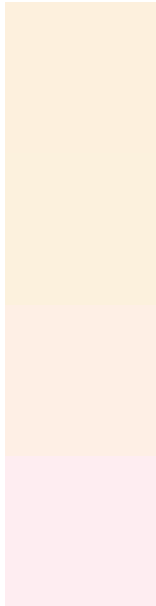
Deuteranopia
255, 238, 234



Tritanopia

255, 236, 252

Trichromacy



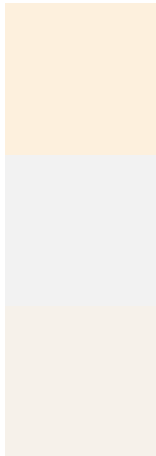
Original Color
253, 240, 221

Protanomaly
252, 241, 221

Deuteranomaly
254, 239, 229

Tritanomaly
254, 237, 241

Monochromacy



Original Color
253, 240, 221

Achromatopsia
242, 242, 242

Achromatomaly
246, 241, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 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(253, 240, 221)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 240, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 240, 221) }
```

Border

The CSS property to change the border of an element to RGB 253, 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(253, 240, 221) }
```

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

```
.border{ border-color:rgb(253, 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(253, 240, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 240, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 240, 221);  
box-shadow:4px 4px 4px 4px rgb(253, 240,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 253, 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(253, 240, 221) }
```

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

```
.background{ background-color: rgb(253,  
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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