

Converting Colors

RGB(251, 245, 217)

Have a look what the booklet for
RGB(251, 245, 217) contains.

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Color

RGB(251, 245, 217)

Conversions

Conversions Part 1

Format	Color
Hex	FBF5D9
RGB	251, 245, 217
RGB Percent	98%, 96%, 85%
CMY	0.0157, 0.0392, 0.1490
CMYK	0.00, 0.02, 0.14, 0.02
HSL	49°, 81%, 92%
HSV	49°, 14%, 98%
XYZ	84.9605, 90.8238, 78.6985
YIQ	243.6020, 12.5640, -7.4360

Conversions

Conversions Part 2

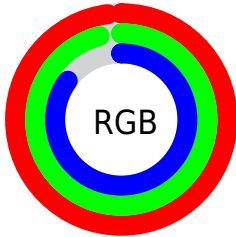
Format	Color
RYB	224, 251, 217
Decimal	16512473
CIELab	96.34, -2.57, 14.20
CIELCh	96, 14.429, 100.242
Yxy	90.8238, 0.3339, 0.3569
Android (android.graphics.Color)	4294702553 (0xFFFBF5D9)
YUV	243.6020, -13.1148, 6.4880
Hunter-Lab	95.3015, -7.6465, 17.7503

Details

The RGB color **251, 245, 217** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **217, 223, 251**, and the grayscale version is **244, 244, 244**.

A 20% lighter version of the original color is **255, 255, 255**, and **194, 189, 162** is the 20% darker color. If you saturate the color by 10%, you get **251, 241, 192**, and if you desaturate by 10%, it is **251, 249, 242**.

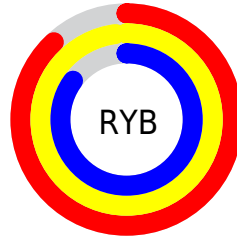
Distribution



Red (98%)

Green (96%)

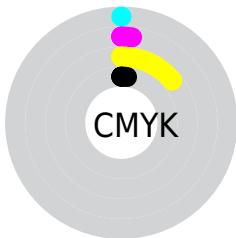
Blue (85%)



Red (88%)

Yellow (98%)

Blue (85%)

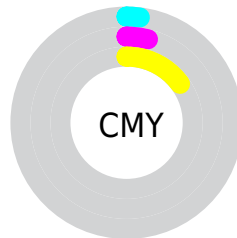


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (2%)



Cyan (2%)

Magenta (4%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 251, 245, 217 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 251, 245, 217 by changing the saturation by 10% instead.


 251, 245, 217


255, 255, 255

 251, 245, 217

 222, 217, 189

 194, 189, 162

 167, 162, 136

 140, 136, 110

 115, 110, 86

 90, 86, 63


 66, 63, 41


 44, 41, 20

 23, 21, 0


 251, 245, 217


 251, 245, 217

 251, 241, 192

 251, 249, 242


 251, 236, 167


 251, 254, 255


 251, 232, 142


 251, 255, 255

 251, 227, 117

 251, 223, 92

 251, 218, 66

 251, 214, 41

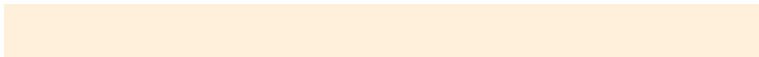
 251, 210, 16

 251, 207, 0

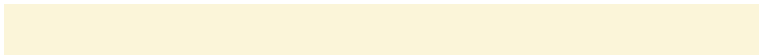
Harmonies

Analogous

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



255, 240, 219



251, 245, 217



235, 249, 223

Triad

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



251, 245, 217



210, 252, 255



255, 236, 254

Complementary

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



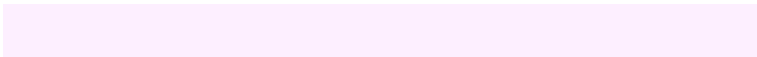
251, 245, 217



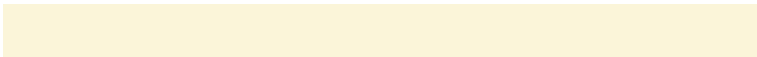
217, 223, 251

Split Complementary

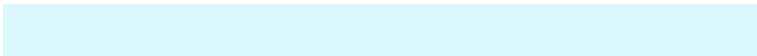
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



253, 239, 255



251, 245, 217



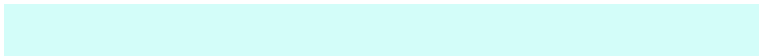
220, 248, 255

Square

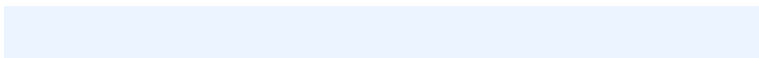
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



251, 245, 217



211, 253, 249



236, 244, 255



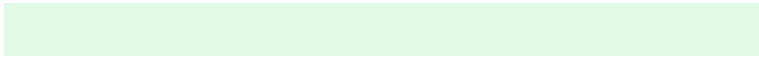
255, 235, 240

Rectangle

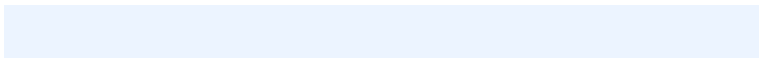
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



251, 245, 217



225, 251, 230



236, 244, 255



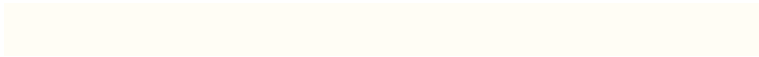
255, 237, 255

Sweetspot

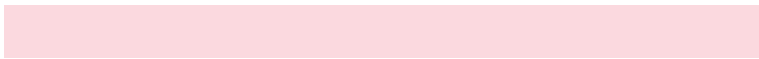
The Sweet Spot groups the original color and five complimentary colors.



251, 245, 217



255, 253, 245



251, 217, 223



128, 126, 121



0, 0, 0



128, 128, 128

Same Dimension

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



251, 245, 217



255, 248, 214



240, 251, 217



125, 123, 112



189, 155, 0



61, 50, 0

Inverse Universe

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



217, 223, 251



214, 221, 255



228, 217, 251



112, 115, 125



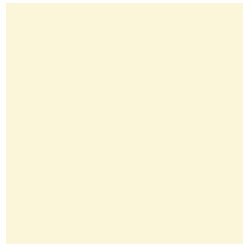
0, 33, 189



0, 11, 61

Previews

White Background



This preview shows how the RGB color 251, 245, 217 looks on a white background.

Color Contrast Check

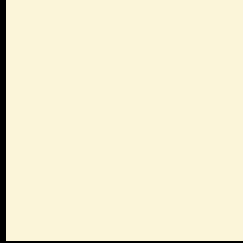
Large Text (above 18pt) WCAG AA × Fail

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 251, 245, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

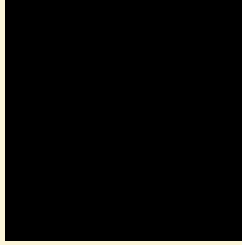
Any Text WCAG AA ✓ Pass

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 251, 245, 217 Background



This preview shows how black text looks on a background with the RGB color 251, 245, 217.

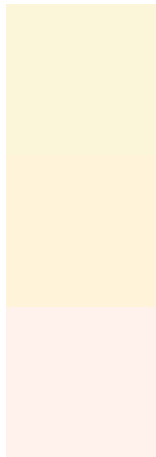


This preview shows how white text looks on a background with the RGB color 251, 245, 217.

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
251, 245, 217

Protanopia
255, 244, 217

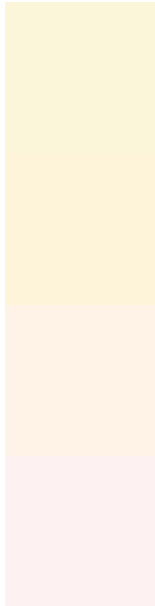
Deuteranopia
255, 242, 237



Tritanopia

254, 240, 255

Trichromacy



Original Color

251, 245, 217

Protanomaly

254, 244, 217

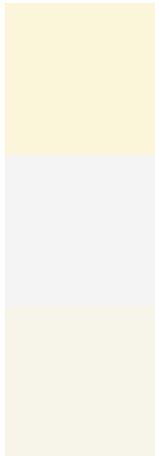
Deuteranomaly

254, 243, 230

Tritanomaly

253, 242, 241

Monochromacy



Original Color

251, 245, 217

Achromatopsia

244, 244, 244

Achromatomaly

247, 244, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 251, 245, 217 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(251, 245, 217)` looks like.

```
.text, #text, p{  
    color:rgb(251, 245, 217)  
}
```

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(251, 245, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 245, 217) }
```

Border

The CSS property to change the border of an element to RGB 251, 245, 217 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(251, 245, 217) }
```

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

```
.border{ border-color:rgb(251, 245, 217) }
```

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

Here you see how a box with a 4 pixel rgb(251, 245, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 245, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 245, 217);  
box-shadow:4px 4px 4px 4px rgb(251, 245,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 251, 245, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 245, 217) }
```

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

```
.background{ background-color: rgb(251,  
245, 217) }
```

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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