

# Converting Colors

RGB(251, 249, 217)

Have a look what the booklet for  
RGB(251, 249, 217) contains.

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# **Color**

**RGB(251, 249, 217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBF9D9
RGB	251, 249, 217
RGB Percent	98%, 98%, 85%
CMY	0.0157, 0.0235, 0.1490
CMYK	0.00, 0.01, 0.14, 0.02
HSL	56°, 81%, 92%
HSV	56°, 14%, 98%
XYZ	86.1837, 93.2703, 79.1062
YIQ	245.9500, 11.4640, -9.5280

# Conversions

## Conversions Part 2

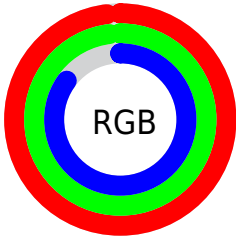
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 251, 217
Decimal	16513497
CIE Lab	97.34, -4.57, 15.61
CIE LCh	97, 16.269, 106.329
Yxy	93.2703, 0.3333, 0.3607
Android (android.graphics.Color)	4294703577 (0xFFFBF9D9)
YUV	245.9500, -14.2723, 4.4289
Hunter-Lab	96.5766, -9.7178, 19.0389

# Details

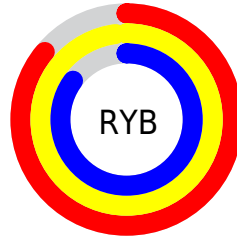
The RGB color **251, 249, 217** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **217, 219, 251**, and the grayscale version is **246, 246, 246**.

A 20% lighter version of the original color is **255, 255, 255**, and **194, 193, 162** is the 20% darker color. If you saturate the color by 10%, you get **251, 248, 192**, and if you desaturate by 10%, it is **251, 250, 242**.

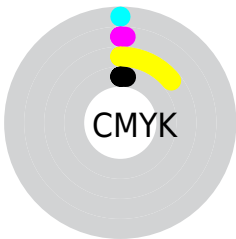
# Distribution



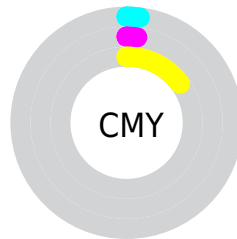
- Red (98%)
- Green (98%)
- Blue (85%)



- Red (86%)
- Yellow (98%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (14%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 251, 249, 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, 249, 217 by changing the saturation by 10% instead.




 251, 249, 217


255, 255, 255

 251, 249, 217


 222, 220, 189

 194, 193, 162

 167, 166, 136

 140, 139, 110

 115, 114, 86

 90, 89, 63

 66, 66, 40

 44, 44, 20

 24, 23, 0

251, 249, 217

251, 249, 217

251, 248, 192

251, 250, 242

251, 246, 167

251, 252, 255

251, 245, 142

251, 253, 255

251, 243, 117

251, 255, 255

251, 242, 92

251, 255, 255

251, 240, 66

251, 239, 41

251, 237, 16

251, 236, 0

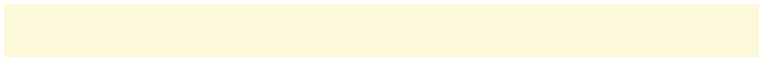
# Harmonies

## Analogous

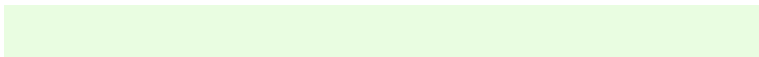
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 244, 217



251, 249, 217



233, 253, 225

# Triad

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



251, 249, 217



210, 255, 255



255, 237, 255

# Complementary

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



251, 249, 217



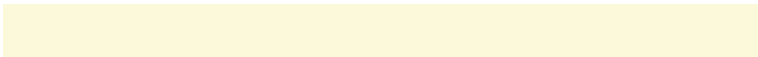
217, 219, 251

# Split Complementary

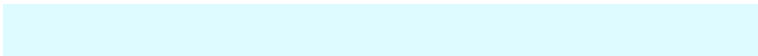
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 241, 255



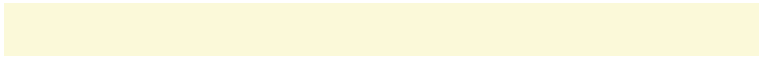
251, 249, 217



222, 251, 255

# Square

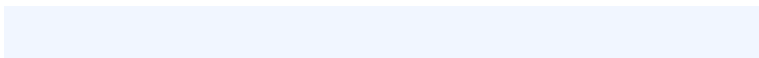
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



251, 249, 217



208, 255, 255



241, 246, 255



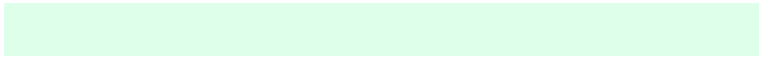
255, 237, 239

# Rectangle

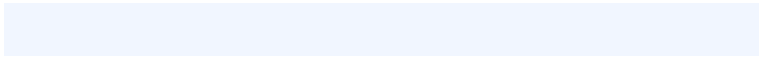
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



251, 249, 217



222, 255, 234



241, 246, 255



255, 238, 255



# Sweetspot

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



251, 249, 217



255, 254, 245



251, 217, 219



128, 127, 121



0, 0, 0



128, 128, 128



# Same Dimension

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



251, 249, 217



255, 253, 214



236, 251, 217



125, 124, 112



189, 178, 0



61, 58, 0



# Inverse Universe

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



217, 219, 251



214, 217, 255



232, 217, 251



112, 113, 125



0, 11, 189

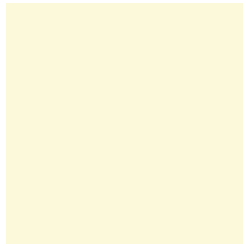


0, 4, 61



# Previews

## White Background



This preview shows how the RGB color 251, 249, 217 looks on a white background.

## Color Contrast Check

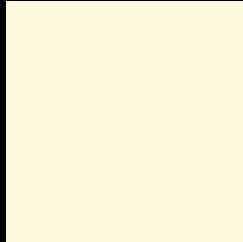
Large Text (above 18pt) WCAG AA × Fail

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, 249, 217 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

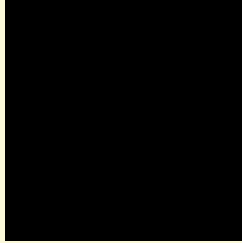
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 251, 249, 217 Background



This preview shows how black text looks on a background with the RGB color 251, 249, 217.

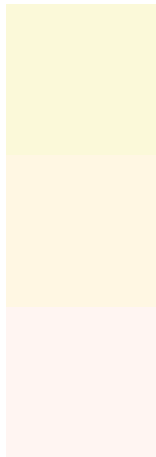


This preview shows how white text looks on a background with the RGB color 251, 249, 217.

# 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, 249, 217

**Protanopia**  
255, 247, 227

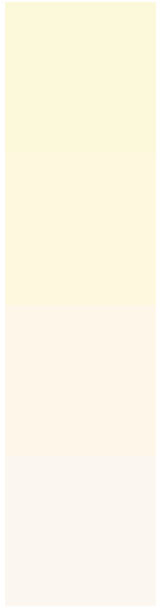
**Deuteranopia**  
255, 245, 242



# Tritanopia

253, 245, 255

# Trichromacy



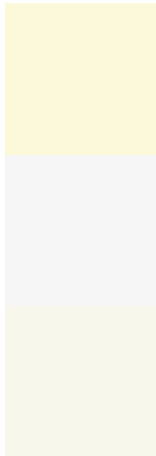
**Original Color**  
251, 249, 217

**Protanomaly**  
254, 248, 223

**Deuteranomaly**  
254, 246, 233

**Tritanomaly**  
252, 246, 241

# Monochromacy



**Original Color**  
251, 249, 217

**Achromatopsia**  
246, 246, 246

**Achromatomaly**  
248, 247, 235

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 251, 249, 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, 249, 217)` looks like.

```
.text, #text, p{  
    color:rgb(251, 249, 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, 249, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 249, 217) }
```

## Border

The CSS property to change the border of an element to RGB 251, 249, 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, 249, 217) }
```

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

```
.border{ border-color:rgb(251, 249, 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, 249, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 249, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 249, 217);  
box-shadow:4px 4px 4px 4px rgb(251, 249,  
217) }
```

# Background

The CSS property to change the background color of an element to RGB 251, 249, 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, 249, 217) }
```

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

```
.background{ background-color: rgb(251,  
249, 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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