

Converting Colors

RGB(249, 243, 224)

Have a look what the booklet for
RGB(249, 243, 224) contains.

RGB(249, 243, 224)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(249, 243, 224)

Conversions

Conversions Part 1

Format	Color
Hex	F9F3E0
RGB	249, 243, 224
RGB Percent	98%, 95%, 88%
CMY	0.0235, 0.0471, 0.1216
CMYK	0.00, 0.02, 0.10, 0.02
HSL	46°, 68%, 93%
HSV	46°, 10%, 98%
XYZ	84.5721, 89.6227, 83.3625
YIQ	242.6280, 9.6750, -4.6370

Conversions

Conversions Part 2

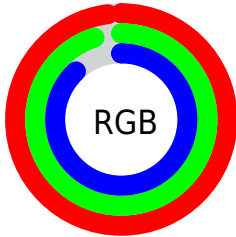
Format	Color
R_{YB}	232, 249, 224
Decimal	16380896
CIE Lab	95.84, -1.16, 9.86
CIE LCh	96, 9.931, 96.688
Yxy	89.6227, 0.3284, 0.3480
Android (android.graphics.Color)	4294570976 (0xFF9F3E0)
YUV	242.6280, -9.1836, 5.5882
Hunter-Lab	94.6693, -6.2097, 14.0598

Details

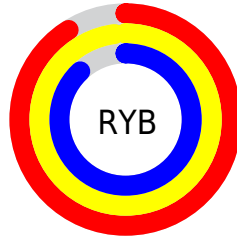
The RGB color **249, 243, 224** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **224, 230, 249**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is 255, 255, 255, and **193, 187, 169** is the 20% darker color. If you saturate the color by 10%, you get **249, 237, 199**, and if you desaturate by 10%, it is **249, 249, 249**.

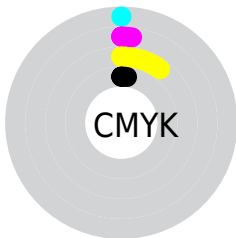
Distribution



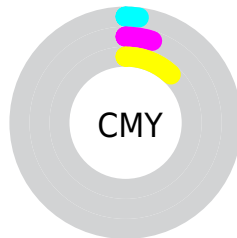
- Red (98%)
- Green (95%)
- Blue (88%)



- Red (91%)
- Yellow (98%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (10%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 243, 224 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, 243, 224 by changing the saturation by 10% instead.

 249, 243, 224

255, 255, 255

 249, 243, 224

 220, 215, 196

 193, 187, 169

 165, 160, 142

 139, 134, 117

 113, 109, 92

 89, 84, 69

 65, 61, 46

 43, 39, 25

 24, 19, 0

 249, 243, 224

 249, 243, 224

 249, 237, 199

 249, 249, 249

 249, 231, 174

 249, 255, 255

 249, 225, 149


 249, 255, 255

 249, 219, 124

 249, 213, 100

 249, 207, 75

 249, 201, 50

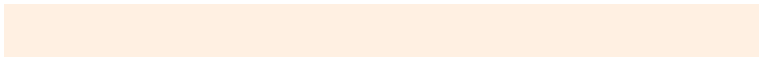
 249, 195, 25

 249, 189, 0

Harmonies

Analogous

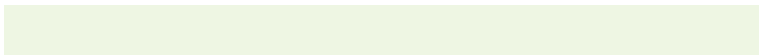
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 240, 226



249, 243, 224



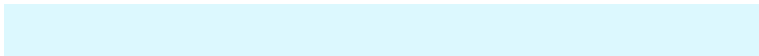
238, 246, 227

Triad

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



249, 243, 224



220, 248, 254



255, 238, 251

Complementary

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



249, 243, 224



224, 230, 249

Split Complementary

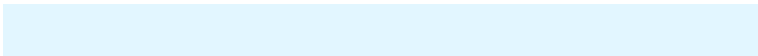
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248, 240, 255



249, 243, 224



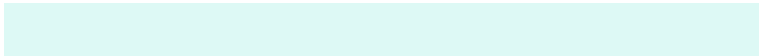
226, 246, 255

Square

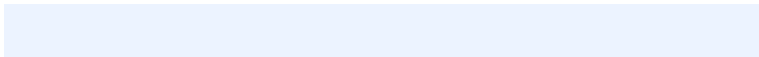
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



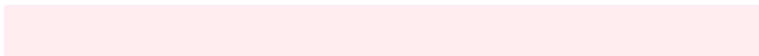
249, 243, 224



221, 249, 245



236, 243, 255



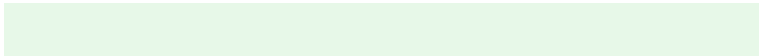
255, 237, 241

Rectangle

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



249, 243, 224



231, 248, 232



236, 243, 255



255, 238, 254

Sweetspot

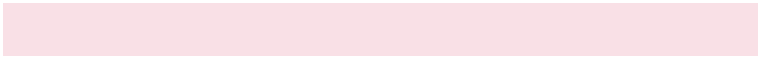
The Sweet Spot groups the original color and five complimentary colors.



249, 243, 224



255, 253, 247



249, 224, 230



128, 126, 122



0, 0, 0



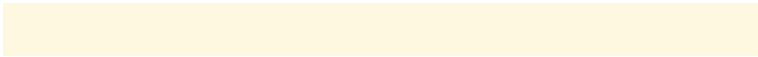
128, 128, 128

Same Dimension

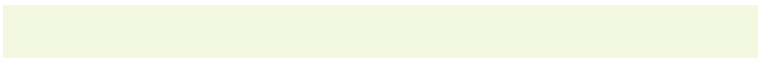
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 243, 224



255, 248, 224



243, 249, 224



125, 122, 112



189, 143, 0



61, 47, 0

Inverse Universe

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



224, 230, 249



224, 232, 255



230, 224, 249



112, 115, 125



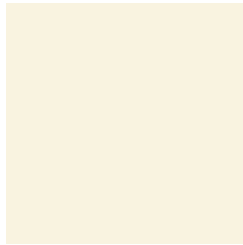
0, 45, 189



0, 15, 61

Previews

White Background



This preview shows how the RGB color 249, 243, 224 looks on a white background.

Color Contrast Check

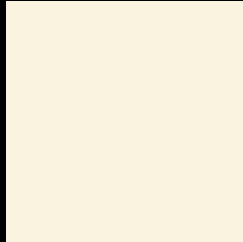
Large Text (above 18pt) WCAG AA × Fail

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, 243, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

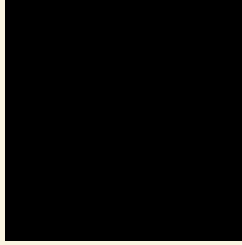
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

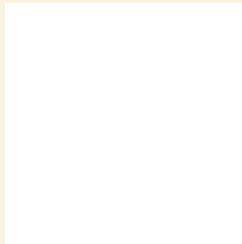
Any Text WCAG AAA ✓ Pass

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

RGB 249, 243, 224 Background



This preview shows how black text looks on a background with the RGB color 249, 243, 224.

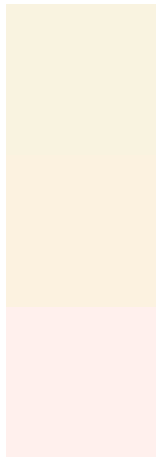


This preview shows how white text looks on a background with the RGB color 249, 243, 224.

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, 243, 224

Protanopia
252, 242, 224

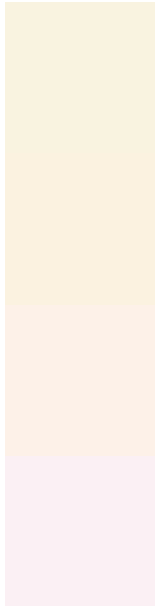
Deuteranopia
255, 240, 237



Tritanopia

252, 239, 255

Trichromacy



Original Color

249, 243, 224

Protanomaly

251, 242, 224

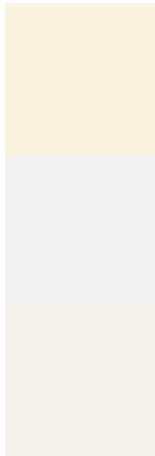
Deuteranomaly

253, 241, 232

Tritanomaly

251, 240, 244

Monochromacy



Original Color

249, 243, 224

Achromatopsia

243, 243, 243

Achromatomaly

245, 243, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 243, 224 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, 243, 224) looks like.

```
.text, #text, p{  
    color:rgb(249, 243, 224)  
}
```

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, 243, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 243, 224) }
```

Border

The CSS property to change the border of an element to RGB 249, 243, 224 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, 243, 224) }
```

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

```
.border{ border-color:rgb(249, 243, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 243, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 243, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 243, 224);  
box-shadow:4px 4px 4px 4px rgb(249, 243,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 249, 243, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 243, 224) }
```

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

```
.background{ background-color: rgb(249,  
243, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor