

# Converting Colors

RGB(249, 241, 234)

Have a look what the booklet for  
RGB(249, 241, 234) contains.

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# **Color**

**RGB(249, 241, 234)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9F1EA
RGB	249, 241, 234
RGB Percent	98%, 95%, 92%
CMY	0.0235, 0.0549, 0.0824
CMYK	0.00, 0.03, 0.06, 0.02
HSL	28°, 56%, 95%
HSV	28°, 6%, 98%
XYZ	85.3735, 88.9908, 90.5192
YIQ	242.5940, 7.0150, -0.4810

# Conversions

## Conversions Part 2

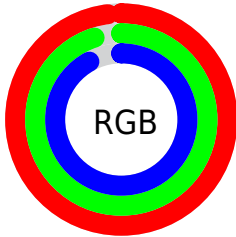
Format	Color
R <sub>Y</sub> B	249, 247, 234
Decimal	16380394
CIE Lab	95.58, 1.49, 4.32
CIE LCh	96, 4.567, 70.915
Yxy	88.9908, 0.3223, 0.3360
Android (android.graphics.Color)	4294570474 (0xFFFF9F1EA)
YUV	242.5940, -4.2368, 5.6181
Hunter-Lab	94.3350, -3.5430, 9.1427

# Details

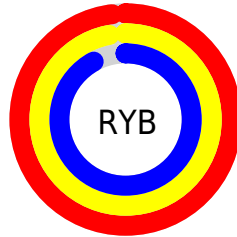
The RGB color **249, 241, 234** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **234, 242, 249**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is **255, 255, 255**, and **193, 185, 178** is the 20% darker color. If you saturate the color by 10%, you get **249, 228, 209**, and if you desaturate by 10%, it is **249, 254, 255**.

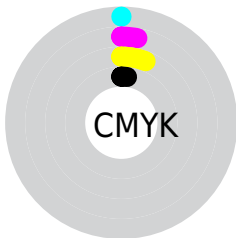
# Distribution



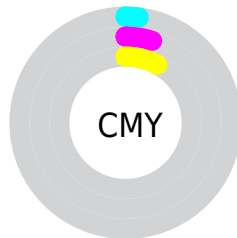
- Red (98%)
- Green (95%)
- Blue (92%)



- Red (98%)
- Yellow (97%)
- Blue (92%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 249, 241, 234 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, 241, 234 by changing the saturation by 10% instead.



 249, 241, 234

255, 255, 255

 249, 241, 234

 220, 213, 206

 193, 185, 178


 165, 158, 152

 139, 132, 126

 114, 107, 101

 89, 83, 77

 66, 60, 54

 43, 38, 33

 24, 17, 10

249, 241, 234

249, 241, 234

249, 228, 209

249, 254, 255

249, 214, 184

249, 255, 255

249, 201, 159

249, 188, 134

249, 175, 109

249, 161, 85

249, 148, 60

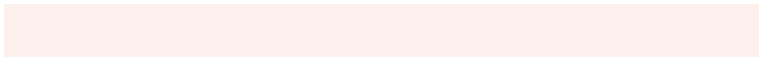
249, 135, 35

249, 121, 10

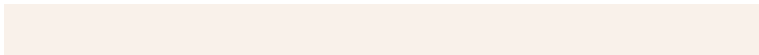
# Harmonies

## Analogous

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



252, 240, 237



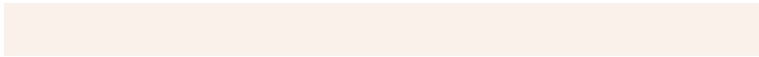
249, 241, 234



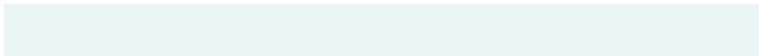
244, 242, 234

# Triad

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



249, 241, 234



232, 245, 244



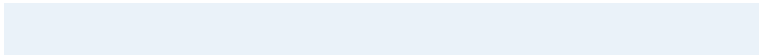
245, 241, 249

# Complementary

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



249, 241, 234



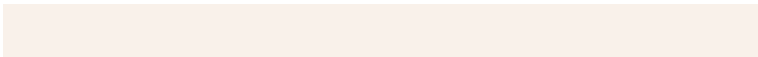
234, 242, 249

# Split Complementary

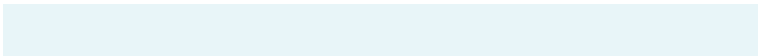
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240, 242, 251



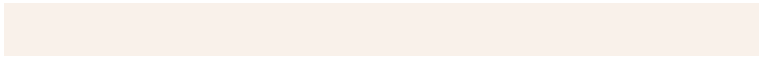
249, 241, 234



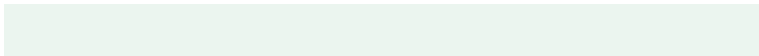
232, 245, 248

# Square

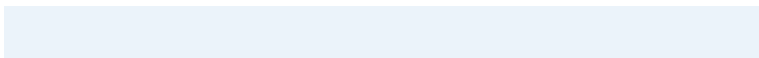
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



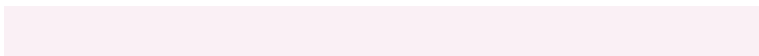
249, 241, 234



235, 245, 239



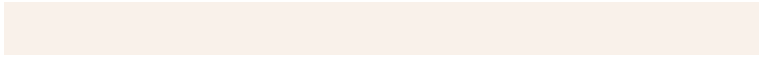
235, 243, 250



250, 240, 245

# Rectangle

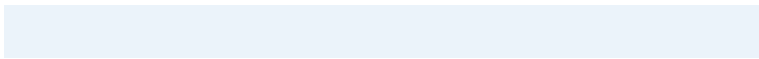
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249, 241, 234



241, 243, 235



235, 243, 250

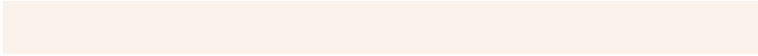


243, 241, 250



# Sweetspot

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



249, 241, 234



255, 252, 250



249, 234, 242



128, 126, 125



0, 0, 0

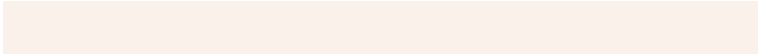


128, 128, 128

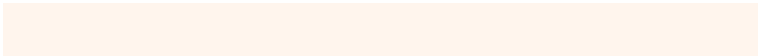


# Same Dimension

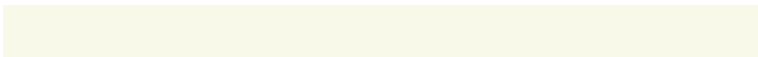
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 241, 234



255, 245, 237



249, 249, 234



125, 120, 115



189, 88, 0

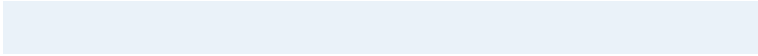


61, 29, 0

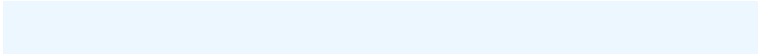


# Inverse Universe

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



234, 242, 249



237, 247, 255



234, 235, 249



115, 120, 125



0, 101, 189

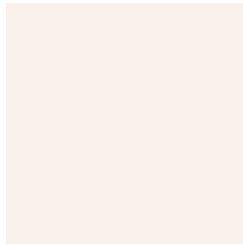


0, 33, 61



# Previews

## White Background



This preview shows how the RGB color 249, 241, 234 looks on a white background.

## Color Contrast Check

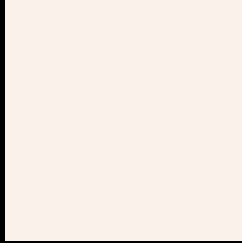
Large Text (above 18pt) WCAG AA × Fail

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, 241, 234 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

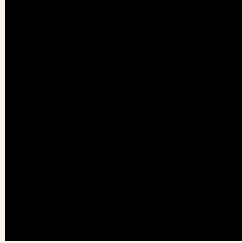
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

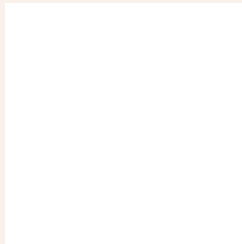
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 249, 241, 234 Background



This preview shows how black text looks on a background with the RGB color 249, 241, 234.

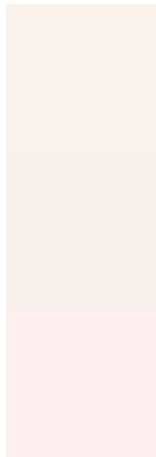


This preview shows how white text looks on a background with the RGB color 249, 241, 234.

# 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, 241, 234

**Protanopia**  
248, 241, 234

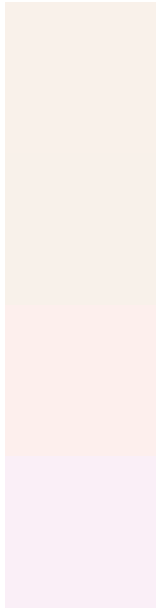
**Deuteranopia**  
255, 238, 239



# Tritanopia

251, 238, 255

# Trichromacy



## Original Color

249, 241, 234

## Protanomaly

248, 241, 234

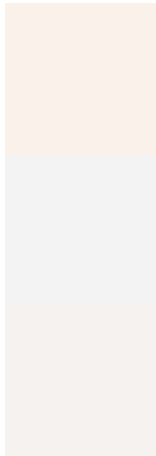
## Deuteranomaly

253, 239, 237

## Tritanomaly

250, 239, 247

# Monochromacy



## Original Color

249, 241, 234

## Achromatopsia

243, 243, 243

## Achromatomaly

245, 242, 240

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 249, 241, 234 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, 241, 234) looks like.

```
.text, #text, p{  
    color:rgb(249, 241, 234)  
}
```

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, 241, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 241, 234) }
```

## Border

The CSS property to change the border of an element to RGB 249, 241, 234 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, 241, 234) }
```

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

```
.border{ border-color:rgb(249, 241, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 241, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 241, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 241, 234);  
box-shadow:4px 4px 4px 4px rgb(249, 241,  
234) }
```

# Background

The CSS property to change the background color of an element to RGB 249, 241, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 241, 234) }
```

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

```
.background{ background-color: rgb(249,  
241, 234) }
```

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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