

Converting Colors

RGB(249, 247, 242)

Have a look what the booklet for
RGB(249, 247, 242) contains.

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Color

RGB(249, 247, 242)

Conversions

Conversions Part 1

Format	Color
Hex	F9F7F2
RGB	249, 247, 242
RGB Percent	98%, 97%, 95%
CMY	0.0235, 0.0314, 0.0510
CMYK	0.00, 0.01, 0.03, 0.02
HSL	43°, 37%, 96%
HSV	43°, 3%, 98%
XYZ	88.3547, 93.0721, 97.3123
YIQ	247.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

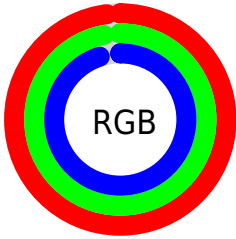
Format	Color
R_{YB}	245, 249, 242
Decimal	16381938
CIE Lab	97.26, -0.20, 2.62
CIE LCh	97, 2.629, 94.316
Yxy	93.0721, 0.3170, 0.3339
Android (android.graphics.Color)	4294572018 (0xFF9F7F2)
YUV	247.0280, -2.4788, 1.7294
Hunter-Lab	96.4739, -5.3517, 7.7264

Details

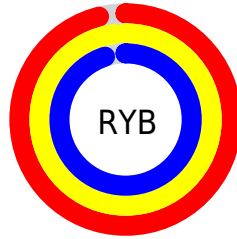
The RGB color 249, 247, 242 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 242, 244, 249, and the grayscale version is 247, 247, 247.

A 20% lighter version of the original color is 255, 255, 255, and 193, 191, 186 is the 20% darker color. If you saturate the color by 10%, you get 249, 240, 217, and if you desaturate by 10%, it is 249, 254, 255.

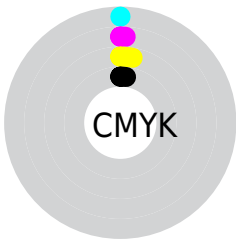
Distribution



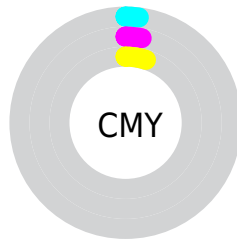
- Red (98%)
- Green (97%)
- Blue (95%)



- Red (96%)
- Yellow (98%)
- Blue (95%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (2%)



- Cyan (2%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 247, 242 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, 247, 242 by changing the saturation by 10% instead.

 249, 247, 242

255, 255, 255


 249, 247, 242

 220, 219, 214

 193, 191, 186

 165, 164, 159

 139, 137, 133

 114, 112, 108

 89, 88, 83

 66, 64, 60

 44, 42, 39

 23, 22, 18

 249, 247, 242

 249, 247, 242

 249, 240, 217

 249, 254, 255

 249, 233, 192


 249, 255, 255

 249, 226, 167


 249, 219, 142

 249, 211, 118

 249, 204, 93

 249, 197, 68

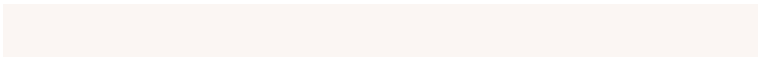
 249, 190, 43

 249, 183, 18

Harmonies

Analogous

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



251, 246, 243



249, 247, 242



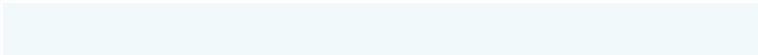
246, 248, 243

Triad

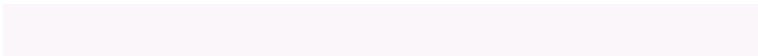
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249, 247, 242



241, 249, 250



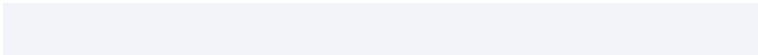
251, 246, 249

Complementary

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



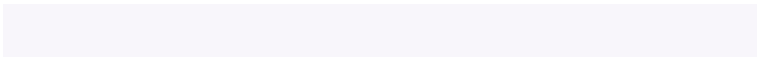
249, 247, 242



242, 244, 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, 246, 251



249, 247, 242



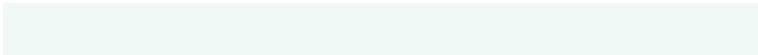
242, 248, 252

Square

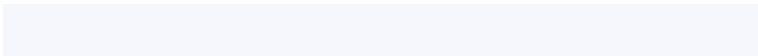
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



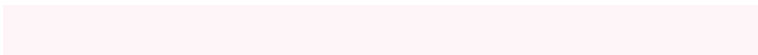
249, 247, 242



241, 249, 247



245, 247, 252



253, 245, 247

Rectangle

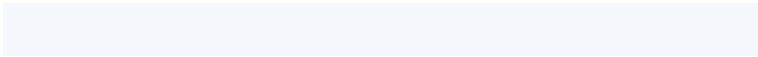
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



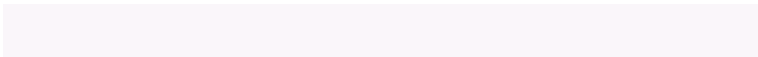
249, 247, 242



244, 248, 244



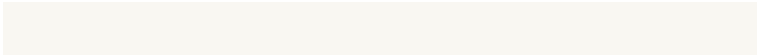
245, 247, 252



250, 246, 250

Sweetspot

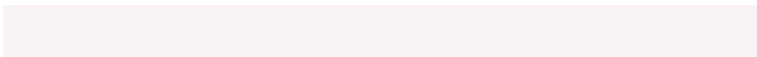
The Sweet Spot groups the original color and five complimentary colors.



249, 247, 242



255, 254, 252



249, 242, 244



128, 127, 126



0, 0, 0



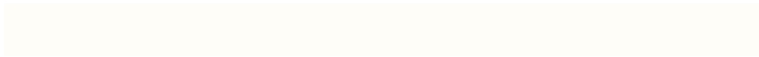
128, 128, 128

Same Dimension

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



249, 247, 242



255, 253, 247



248, 249, 242



125, 124, 120



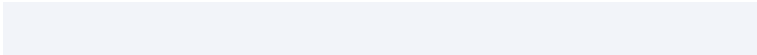
189, 135, 0



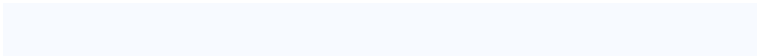
61, 44, 0

Inverse Universe

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



242, 244, 249



247, 250, 255



243, 242, 249



120, 121, 125



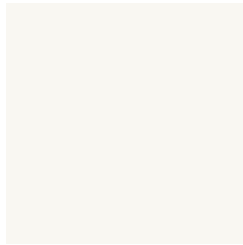
0, 54, 189



0, 17, 61

Previews

White Background



This preview shows how the RGB color 249, 247, 242 looks on a white background.

Color Contrast Check

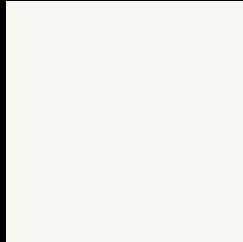
Large Text (above 18pt) WCAG AA × Fail

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, 247, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

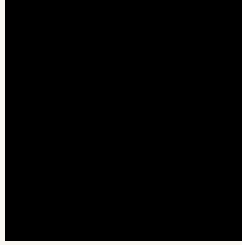
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

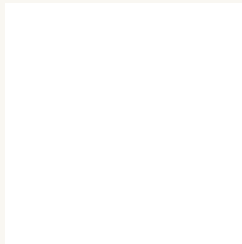
Any Text WCAG AAA ✓ Pass

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

RGB 249, 247, 242 Background



This preview shows how black text looks on a background with the RGB color 249, 247, 242.

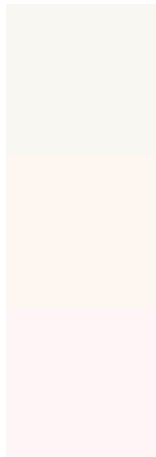


This preview shows how white text looks on a background with the RGB color 249, 247, 242.

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](#), [247](#), [242](#)

Protanopia
[253](#), [246](#), [241](#)

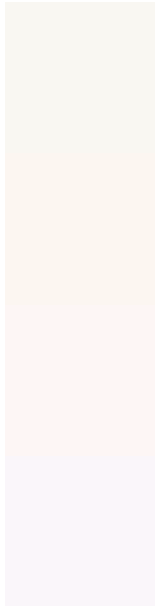
Deuteranopia
[255](#), [245](#), [246](#)



Tritanopia

250, 245, 255

Trichromacy



Original Color

249, 247, 242

Protanomaly

252, 246, 241

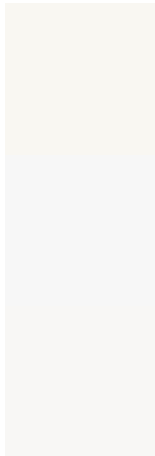
Deuteranomaly

253, 246, 245

Tritanomaly

250, 246, 250

Monochromacy



Original Color

249, 247, 242

Achromatopsia

247, 247, 247

Achromatomaly

248, 247, 245

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 247, 242 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, 247, 242) looks like.

```
.text, #text, p{  
    color:rgb(249, 247, 242)  
}
```

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, 247, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 247, 242) }
```

Border

The CSS property to change the border of an element to RGB 249, 247, 242 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, 247, 242) }
```

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

```
.border{ border-color:rgb(249, 247, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 247, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 247, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 247, 242);  
box-shadow:4px 4px 4px 4px rgb(249, 247,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 249, 247, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 247, 242) }
```

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

```
.background{ background-color: rgb(249,  
247, 242) }
```

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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