

Converting Colors

RGB(249, 243, 196)

Have a look what the booklet for
RGB(249, 243, 196) contains.

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Color

RGB(249, 243, 196)

Conversions

Conversions Part 1

Format	Color
Hex	F9F3C4
RGB	249, 243, 196
RGB Percent	98%, 95%, 77%
CMY	0.0235, 0.0471, 0.2314
CMYK	0.00, 0.02, 0.21, 0.02
HSL	53°, 82%, 87%
HSV	53°, 21%, 98%
XYZ	81.0813, 88.2264, 64.9805
YIQ	239.4360, 18.6630, -13.3450

Conversions

Conversions Part 2

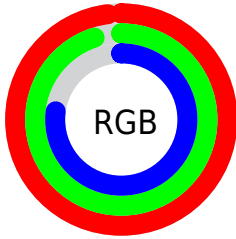
Format	Color
R_{YB}	203, 249, 196
Decimal	16380868
CIE _{Lab}	95.26, -5.35, 23.44
CIE _{LCh}	95, 24.039, 102.859
Yxy	88.2264, 0.3461, 0.3766
Android (android.graphics.Color)	4294570948 (0xFFFF9F3C4)
YUV	239.4360, -21.4139, 8.3876
Hunter-Lab	93.9289, -10.2909, 24.7331

Details

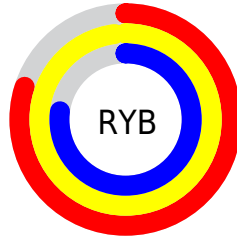
The RGB color **249, 243, 196** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **196, 202, 249**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **255, 255, 253**, and **192, 187, 142** is the 20% darker color. If you saturate the color by 10%, you get **249, 240, 171**, and if you desaturate by 10%, it is **249, 246, 221**.

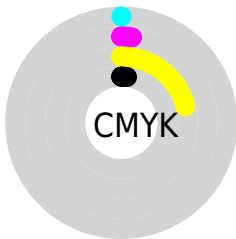
Distribution



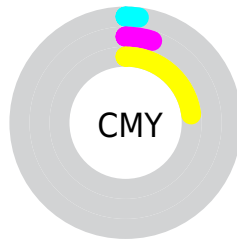
- Red (98%)
- Green (95%)
- Blue (77%)



- Red (80%)
- Yellow (98%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (21%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 243, 196 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, 196 by changing the saturation by 10% instead.


 249, 243, 196

 249, 243, 196

255, 255, 255

 220, 215, 169

255, 255, 253

 192, 187, 142


 165, 160, 116

 138, 134, 91

 112, 109, 68

 87, 84, 45

 63, 61, 23

 41, 40, 0

 15, 20, 0

249, 243, 196

249, 243, 196

249, 240, 171

249, 246, 221

249, 237, 146

249, 249, 246

249, 235, 121

249, 251, 255

249, 232, 96

249, 254, 255

249, 229, 72

249, 255, 255

249, 226, 47

249, 223, 22

249, 221, 0

Harmonies

Analogous

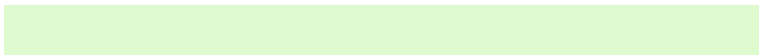
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 235, 197



249, 243, 196



222, 250, 207

Triad

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



249, 243, 196



181, 253, 255



255, 227, 255

Complementary

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



249, 243, 196



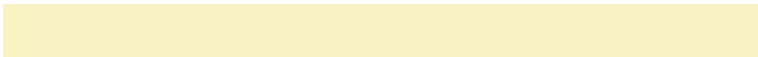
196, 202, 249

Split Complementary

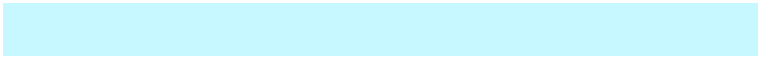
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 232, 255



249, 243, 196



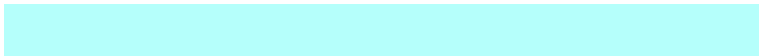
199, 247, 255

Square

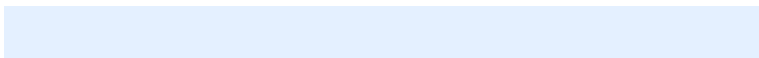
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249, 243, 196



181, 255, 251



228, 240, 255



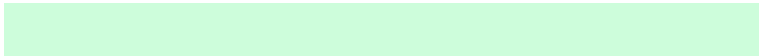
255, 225, 232

Rectangle

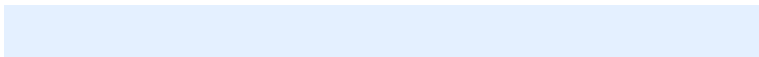
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249, 243, 196



205, 253, 219



228, 240, 255



255, 228, 255

Sweetspot

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



249, 243, 196



255, 253, 240



249, 196, 202



128, 126, 119



0, 0, 0



128, 128, 128

Same Dimension

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



249, 243, 196



255, 247, 189



229, 249, 196



125, 124, 112



189, 167, 0



61, 54, 0

Inverse Universe

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



196, 202, 249



189, 196, 255



216, 196, 249



112, 114, 125



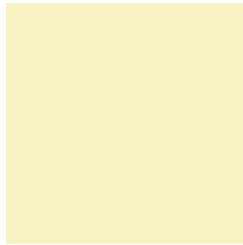
0, 21, 189



0, 7, 61

Previews

White Background



This preview shows how the RGB color 249, 243, 196 looks on a white background.

Color Contrast Check

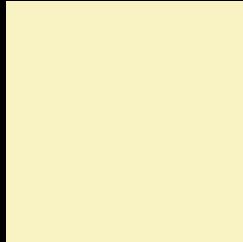
Large Text (above 18pt) WCAG AA × Fail

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, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

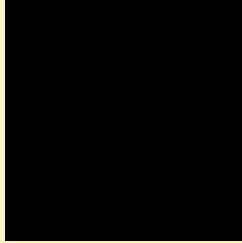
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

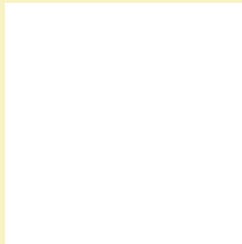
Any Text WCAG AAA ✓ Pass

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

RGB 249, 243, 196 Background



This preview shows how black text looks on a background with the RGB color 249, 243, 196.



This preview shows how white text looks on a background with the RGB color 249, 243, 196.

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, 196

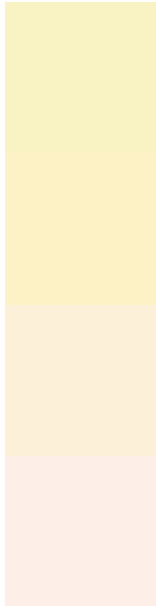
Protanopia
255, 241, 198

Deuteranopia
255, 238, 228



Tritanopia
255, 236, 252

Trichromacy



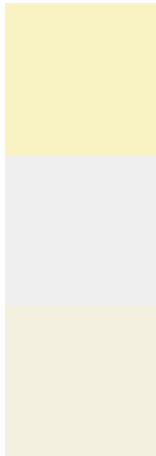
Original Color
249, 243, 196

Protanomaly
253, 242, 197

Deuteranomaly
253, 240, 216

Tritanomaly
253, 239, 232

Monochromacy



Original Color
249, 243, 196

Achromatopsia
239, 239, 239

Achromatomaly
243, 240, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 243, 196 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(249, 243, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 243, 196) }
```

Border

The CSS property to change the border of an element to RGB 249, 243, 196 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, 196) }
```

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

```
.border{ border-color:rgb(249, 243, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 243, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 243, 196);  
box-shadow:4px 4px 4px 4px rgb(249, 243,  
196) }
```

Background

The CSS property to change the background color of an element to RGB 249, 243, 196 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, 196) }
```

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

```
.background{ background-color: rgb(249,  
243, 196) }
```

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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