

Converting Colors

RGB(253, 249, 195)

Have a look what the booklet for
RGB(253, 249, 195) contains.

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Color

RGB(253, 249, 195)

Conversions

Conversions Part 1

Format	Color
Hex	FDF9C3
RGB	253, 249, 195
RGB Percent	99%, 98%, 76%
CMY	0.0078, 0.0235, 0.2353
CMYK	0.00, 0.02, 0.23, 0.01
HSL	56°, 94%, 88%
HSV	56°, 23%, 99%
XYZ	84.2340, 92.5741, 65.0587
YIQ	244.0400, 19.7180, -15.9460

Conversions

Conversions Part 2

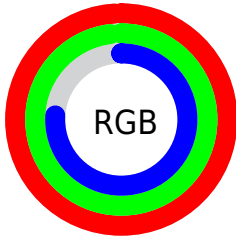
Format	Color
RYB	199, 253, 195
Decimal	16644547
CIELab	97.05, -7.03, 26.47
CIELCh	97, 27.387, 104.880
Yxy	92.5741, 0.3483, 0.3827
Android (android.graphics.Color)	4294834627 (0xFFFD9C3)
YUV	244.0400, -24.1767, 7.8579
Hunter-Lab	96.2155, -12.1051, 27.2602

Details

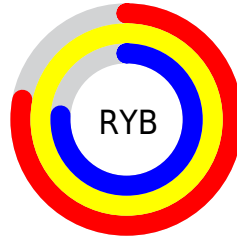
The RGB color **253, 249, 195** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **195, 199, 253**, and the grayscale version is **244, 244, 244**.

A 20% lighter version of the original color is **255, 255, 252**, and **196, 193, 141** is the 20% darker color. If you saturate the color by 10%, you get **253, 247, 170**, and if you desaturate by 10%, it is **253, 251, 220**.

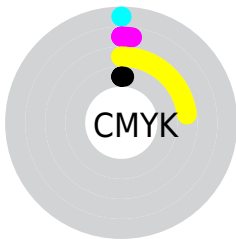
Distribution



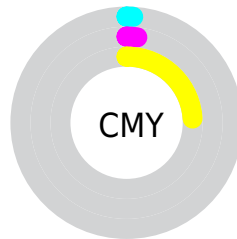
- Red (99%)
- Green (98%)
- Blue (76%)



- Red (78%)
- Yellow (99%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (23%)
- Black (1%)



- Cyan (1%)
- Magenta (2%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 249, 195 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 253, 249, 195 by changing the saturation by 10% instead.

 253, 249, 195

255, 255, 255


 255, 255, 252

 253, 249, 195

 224, 220, 168

 196, 193, 141

 168, 166, 115

 141, 139, 90

 115, 114, 66

 90, 89, 43

 66, 66, 21

 43, 44, 0

 19, 24, 0

■ 253, 249, 195

■ 253, 249, 195

■ 253, 247, 170

■ 253, 251, 220

■ 253, 246, 144

■ 253, 252, 246

■ 253, 244, 119

■ 253, 254, 255

■ 253, 242, 94

253, 255, 255

■ 253, 240, 69

■ 253, 239, 43

■ 253, 237, 18

■ 253, 236, 0

Harmonies

Analogous

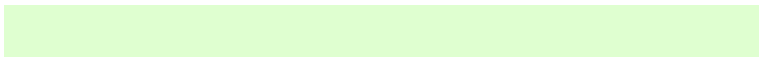
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 240, 196



253, 249, 195



223, 255, 208

Triad

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



253, 249, 195



176, 255, 255



255, 229, 255

Complementary

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



253, 249, 195



195, 199, 253

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, 235, 255



253, 249, 195



199, 253, 255

Square

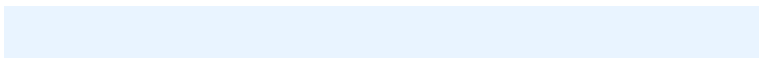
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



253, 249, 195



175, 255, 255



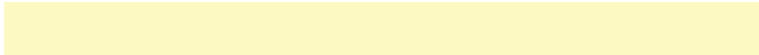
233, 244, 255



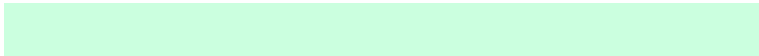
255, 228, 234

Rectangle

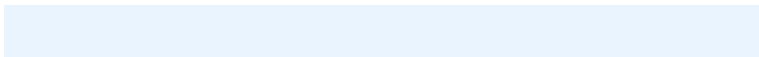
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



253, 249, 195



203, 255, 223



233, 244, 255



255, 231, 255

Sweetspot

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



253, 249, 195



255, 254, 237



253, 195, 200



128, 127, 117



0, 0, 0



128, 128, 128

Same Dimension

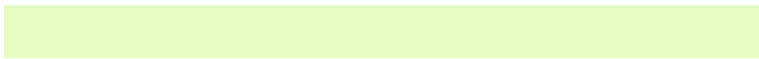
The Same Dimension uses a secret algorithm to generate beautiful new colors.



253, 249, 195



255, 250, 184



229, 253, 195



128, 127, 115



191, 178, 0



64, 59, 0

Inverse Universe

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



195, 199, 253



184, 189, 255



219, 195, 253



115, 116, 128



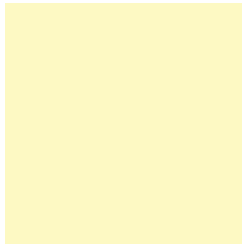
0, 13, 191



0, 4, 64

Previews

White Background



This preview shows how the RGB color 253, 249, 195 looks on a white background.

Color Contrast Check

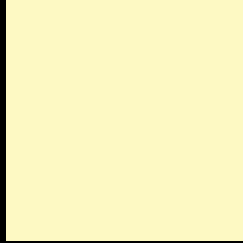
Large Text (above 18pt) WCAG AA × Fail

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 253, 249, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

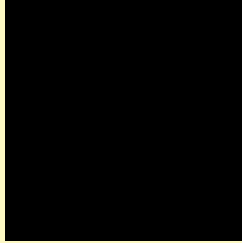
Any Text WCAG AA ✓ Pass

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 253, 249, 195 Background



This preview shows how black text looks on a background with the RGB color 253, 249, 195.

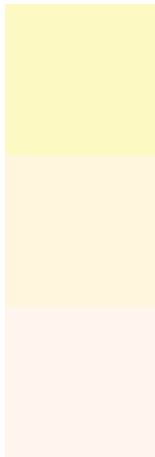


This preview shows how white text looks on a background with the RGB color 253, 249, 195.

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
253, 249, 195

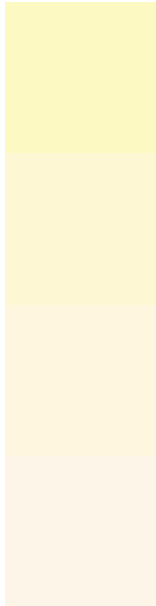
Protanopia
255, 246, 221

Deuteranopia
255, 245, 238



Tritanopia
255, 243, 254

Trichromacy



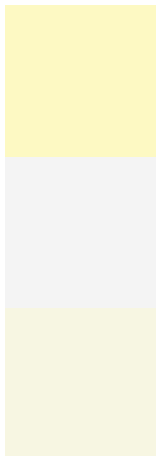
Original Color
253, 249, 195

Protanomaly
254, 247, 212

Deuteranomaly
254, 246, 222

Tritanomaly
254, 245, 233

Monochromacy



Original Color
253, 249, 195

Achromatopsia
244, 244, 244

Achromatomaly
247, 246, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 249, 195 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(253, 249, 195)` looks like.

```
.text, #text, p{  
    color:rgb(253, 249, 195)  
}
```

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(253, 249, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 249, 195) }
```

Border

The CSS property to change the border of an element to RGB 253, 249, 195 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(253, 249, 195) }
```

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

```
.border{ border-color:rgb(253, 249, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 249, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 249, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 249, 195);  
box-shadow:4px 4px 4px 4px rgb(253, 249,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 253, 249, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 249, 195) }
```

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

```
.background{ background-color: rgb(253,  
249, 195) }
```

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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