

Converting Colors

RGB(253, 255, 195)

Have a look what the booklet for
RGB(253, 255, 195) contains.

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Color

RGB(253, 255, 195)

Conversions

Conversions Part 1

Format	Color
Hex	FDFFC3
RGB	253, 255, 195
RGB Percent	99%, 100%, 76%
CMY	0.0078, 0.0000, 0.2353
CMYK	0.01, 0.00, 0.24, 0.00
HSL	62°, 100%, 88%
HSV	62°, 24%, 100%
XYZ	86.1183, 96.3428, 65.6869
YIQ	247.5620, 18.0680, -19.0840

Conversions

Conversions Part 2

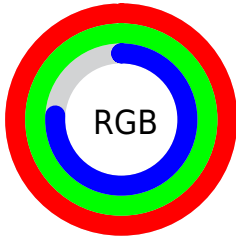
Format	Color
RYB	195, 255, 197
Decimal	16646083
CIELab	98.57, -10.00, 28.54
CIELCh	99, 30.241, 109.316
Yxy	96.3428, 0.3470, 0.3882
Android (android.graphics.Color)	4294836163 (0xFFFDFFC3)
YUV	247.5620, -25.9131, 4.7691
Hunter-Lab	98.1544, -15.1584, 29.0300

Details

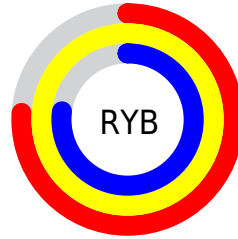
The RGB color **253, 255, 195** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **197, 195, 255**, and the grayscale version is **248, 248, 248**.

A 20% lighter version of the original color is **255, 255, 252**, and **196, 198, 141** is the 20% darker color. If you saturate the color by 10%, you get **252, 255, 170**, and if you desaturate by 10%, it is **254, 255, 220**.

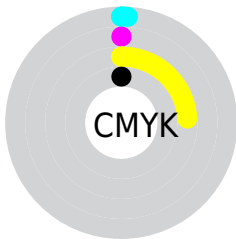
Distribution



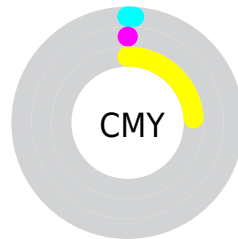
- Red (99%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (77%)



- Cyan (1%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (1%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 255, 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, 255, 195 by changing the saturation by 10% instead.

 253, 255, 195

 253, 255, 195


255, 255, 255

 224, 226, 168

 255, 255, 252

 196, 198, 141

 168, 171, 115

 141, 145, 90

 115, 119, 66

 90, 94, 43

 66, 71, 20

 43, 48, 0

 19, 28, 0

■ 253, 255, 195

■ 253, 255, 195

■ 252, 255, 170

■ 254, 255, 220

■ 251, 255, 144

■ 255, 255, 246

■ 250, 255, 119

255, 255, 255

■ 250, 255, 93

■ 249, 255, 67

■ 248, 255, 42

■ 247, 255, 16

■ 247, 255, 0

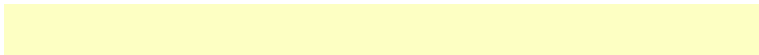
Harmonies

Analogous

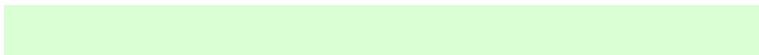
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 245, 193



253, 255, 195



219, 255, 212

Triad

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



253, 255, 195



173, 255, 255



255, 231, 255

Complementary

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



253, 255, 195



197, 195, 255

Split Complementary

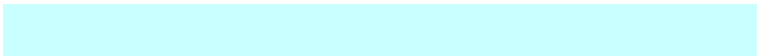
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 237, 255



253, 255, 195



202, 255, 255

Square

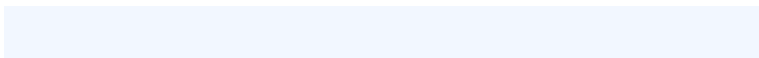
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



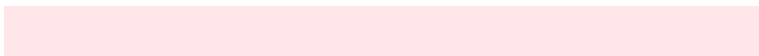
253, 255, 195



169, 255, 255



242, 247, 255



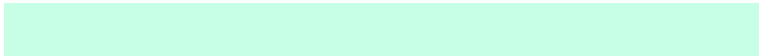
255, 230, 233

Rectangle

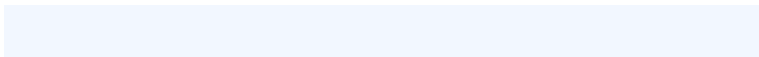
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



253, 255, 195



198, 255, 229



242, 247, 255



255, 232, 255

Sweetspot

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



253, 255, 195



254, 255, 237



255, 197, 195



127, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

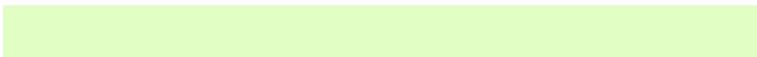
The Same Dimension uses a secret algorithm to generate beautiful new colors.



253, 255, 195



253, 255, 184



223, 255, 195



127, 128, 115



185, 191, 0



62, 64, 0

Inverse Universe

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



197, 195, 255



186, 184, 255



227, 195, 255



115, 115, 128



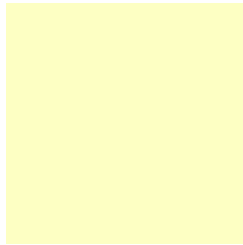
6, 0, 191



2, 0, 64

Previews

White Background



This preview shows how the RGB color 253, 255, 195 looks on a white background.

Color Contrast Check

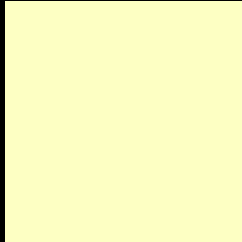
Large Text (above 18pt) WCAG AA × Fail

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, 255, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

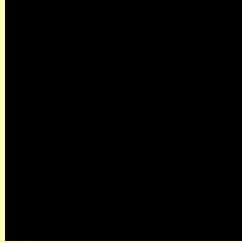
Any Text WCAG AA ✓ Pass

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, 255, 195 Background



This preview shows how black text looks on a background with the RGB color 253, 255, 195.

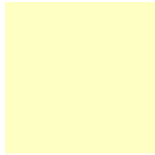


This preview shows how white text looks on a background with the RGB color 253, 255, 195.

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, 255, 195

Protanopia
255, 251, 238

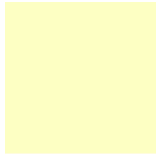
Deuteranopia
255, 250, 247



Tritanopia

254, 249, 255

Trichromacy



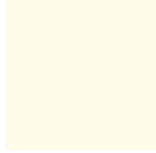
Original Color
253, 255, 195



Protanomaly
254, 252, 222

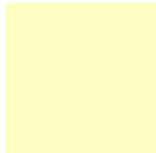


Deuteranomaly
254, 252, 228

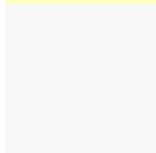


Tritanomaly
254, 251, 233

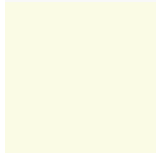
Monochromacy



Original Color
253, 255, 195



Achromatopsia
248, 248, 248



Achromatomaly
250, 251, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 255, 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, 255, 195)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 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, 255, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 195) }
```

Border

The CSS property to change the border of an element to RGB 253, 255, 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, 255, 195) }
```

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

```
.border{ border-color:rgb(253, 255, 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, 255, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 253, 255, 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, 255, 195) }
```

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

```
.background{ background-color: rgb(253,  
255, 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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