

Converting Colors

RGB(255, 253, 203)

Have a look what the booklet for
RGB(255, 253, 203) contains.

RGB(255, 253, 203)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(255, 253, 203)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDCB
RGB	255, 253, 203
RGB Percent	100%, 99%, 80%
CMY	0.0000, 0.0078, 0.2039
CMYK	0.00, 0.01, 0.20, 0.00
HSL	58°, 100%, 90%
HSV	58°, 20%, 100%
XYZ	87.1448, 95.8224, 70.4025
YIQ	247.8980, 17.2420, -15.1260

Conversions

Conversions Part 2

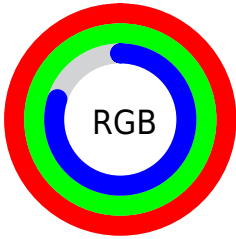
Format	Color
RYP	205, 255, 203
Decimal	16776651
CIELab	98.36, -7.20, 24.23
CIElCh	98, 25.277, 106.543
Yxy	95.8224, 0.3439, 0.3782
Android (android.graphics.Color)	4294966731 (0xFFFFFDCB)
YUV	247.8980, -22.1347, 6.2285
Hunter-Lab	97.8889, -12.3974, 25.8804

Details

The RGB color **255, 253, 203** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **203, 205, 255**, and the grayscale version is **248, 248, 248**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 196, 149** is the 20% darker color. If you saturate the color by 10%, you get **255, 252, 178**, and if you desaturate by 10%, it is **255, 254, 228**.

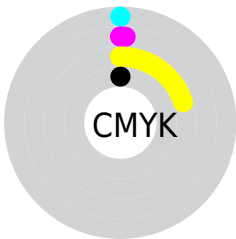
Distribution



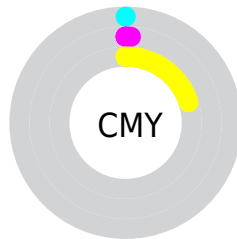
- Red (100%)
- Green (99%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 253, 203 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 255, 253, 203 by changing the saturation by 10% instead.


 255, 253, 203


255, 255, 255

 255, 253, 203

 226, 224, 175

 198, 196, 149

 170, 169, 123

 143, 143, 98

 117, 117, 73

 92, 93, 50

 68, 69, 28

 45, 47, 5

 23, 26, 0

■ 255, 253, 203

■ 255, 253, 203

■ 255, 252, 178

■ 255, 254, 228

■ 255, 251, 152

255, 255, 254

■ 255, 250, 126

255, 255, 255

■ 255, 249, 101

■ 255, 248, 75

■ 255, 247, 50

■ 255, 246, 24

■ 255, 245, 0

Harmonies

Analogous

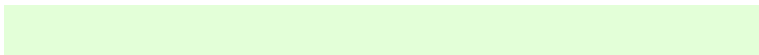
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 245, 203



255, 253, 203



227, 255, 216

Triad

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



255, 253, 203



187, 255, 255



255, 234, 255

Complementary

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



255, 253, 203



203, 205, 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, 240, 255



255, 253, 203



208, 255, 255

Square

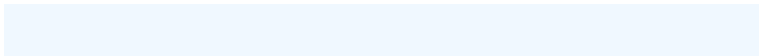
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 253, 203



185, 255, 255



240, 248, 255



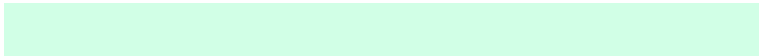
255, 233, 237

Rectangle

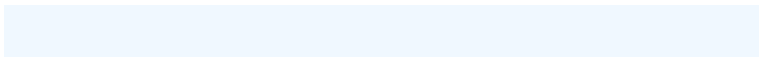
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 253, 203



209, 255, 230



240, 248, 255



255, 236, 255

Sweetspot

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



255, 253, 203



255, 254, 240



255, 203, 206



128, 127, 119



0, 0, 0



128, 128, 128

Same Dimension

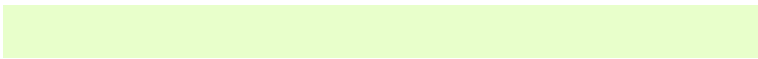
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 253, 203



255, 253, 194



232, 255, 203



128, 127, 115



191, 184, 0



64, 61, 0

Inverse Universe

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



203, 205, 255



194, 196, 255



226, 203, 255



115, 115, 128



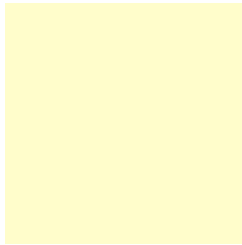
0, 7, 191



0, 2, 64

Previews

White Background



This preview shows how the RGB color 255, 253, 203 looks on a white background.

Color Contrast Check

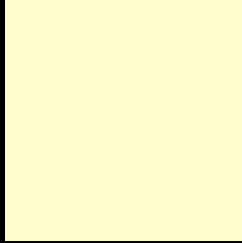
Large Text (above 18pt) WCAG AA × Fail

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 255, 253, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

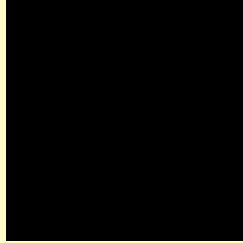
Any Text WCAG AA ✓ Pass

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 255, 253, 203 Background



This preview shows how black text looks on a background with the RGB color 255, 253, 203.



This preview shows how white text looks on a background with the RGB color 255, 253, 203.

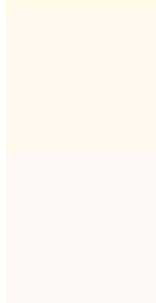
Color Blindness Simulation

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
[255, 253, 203](#)



Protanopia
[255, 250, 237](#)

Deuteranopia
[255, 249, 246](#)



Tritanopia

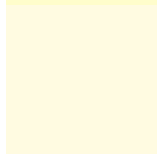
255, 248, 255

Trichromacy



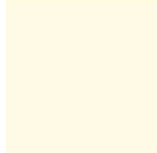
Original Color

255, 253, 203



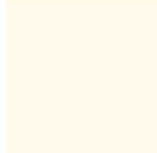
Protanomaly

255, 251, 225



Deuteranomaly

255, 250, 230



Tritanomaly

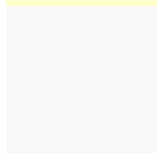
255, 250, 236

Monochromacy



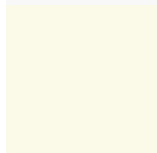
Original Color

255, 253, 203



Achromatopsia

248, 248, 248



Achromatomaly

251, 250, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 253, 203 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(255, 253, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 203)  
}
```

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(255, 253, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 203) }
```

Border

The CSS property to change the border of an element to RGB 255, 253, 203 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(255, 253, 203) }
```

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

```
.border{ border-color:rgb(255, 253, 203) }
```

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

Here you see how a box with a 4 pixel rgb(255, 253, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 255, 253, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 203) }
```

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

```
.background{ background-color: rgb(255,  
253, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor