

Converting Colors

RGB(253, 255, 247)

Have a look what the booklet for
RGB(253, 255, 247) contains.

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Color

RGB(253, 255, 247)

Conversions

Conversions Part 1

Format	Color
Hex	<code>FDFFF7</code>
RGB	<code>253, 255, 247</code>
RGB Percent	<code>99%, 100%, 97%</code>
CMY	<code>0.0078, 0.0000, 0.0314</code>
CMYK	<code>0.01, 0.00, 0.03, 0.00</code>
HSL	<code>75°, 100%, 98%</code>
HSV	<code>75°, 3%, 100%</code>
XYZ	<code>93.0565, 99.1180, 102.2228</code>
YIQ	<code>253.4900, 1.3760, -2.9120</code>

Conversions

Conversions Part 2

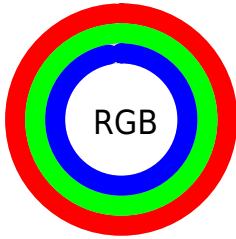
Format	Color
RYB	247, 255, 249
Decimal	16646135
CIELab	99.66, -2.04, 3.57
CIELCh	100, 4.116, 119.724
Yxy	99.1180, 0.3161, 0.3367
Android (android.graphics.Color)	4294836215 (0xFFFFDFFF7)
YUV	253.4900, -3.1996, -0.4297
Hunter-Lab	99.5580, -7.3833, 8.8137

Details

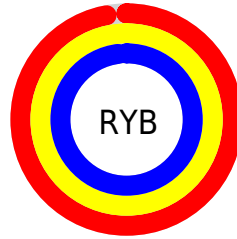
The RGB color 253, 255, 247 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 249, 247, 255, and the grayscale version is 254, 254, 254.

A 20% lighter version of the original color is 255, 255, 255, and 196, 198, 191 is the 20% darker color. If you saturate the color by 10%, you get 247, 255, 222, and if you desaturate by 10%, it is 255, 255, 255.

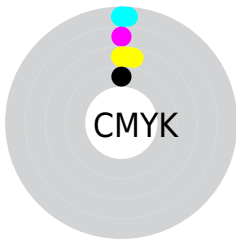
Distribution



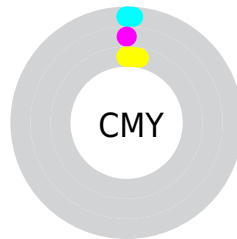
- Red (99%)
- Green (100%)
- Blue (97%)



- Red (97%)
- Yellow (100%)
- Blue (98%)



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



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

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 255, 247 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, 247 by changing the saturation by 10% instead.



253, 255, 247



253, 255, 247

255, 255, 255



224, 226, 219



196, 198, 191



169, 171, 164



143, 145, 137



117, 119, 112



93, 94, 88



69, 71, 64



47, 48, 42



26, 27, 22

253, 255, 247

253, 255, 247

247, 255, 222

255, 255, 255

240, 255, 196

234, 255, 171

228, 255, 145

221, 255, 120

215, 255, 94

208, 255, 68

202, 255, 43

196, 255, 17

Harmonies

Analogous

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



255, 254, 246



253, 255, 247



248, 255, 250

Triad

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



253, 255, 247



246, 255, 255



255, 251, 254

Complementary

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



253, 255, 247



249, 247, 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, 252, 255



253, 255, 247



250, 254, 255

Square

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



253, 255, 247



245, 255, 255



255, 253, 255



255, 252, 250

Rectangle

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



253, 255, 247



246, 255, 252



255, 253, 255



255, 252, 255

Sweetspot

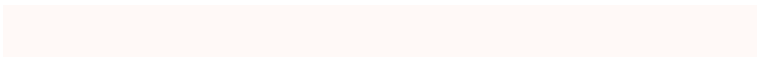
The Sweet Spot groups the original color and five complimentary colors.



253, 255, 247



254, 255, 252



255, 249, 247



127, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



253, 255, 247



252, 255, 245



249, 255, 247



126, 128, 121



143, 191, 0



48, 64, 0

Inverse Universe

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



249, 247, 255



247, 245, 255



253, 247, 255



123, 121, 128



48, 0, 191



16, 0, 64

Previews

White Background



This preview shows how the RGB color 253, 255, 247 looks on a white background.

Color Contrast Check

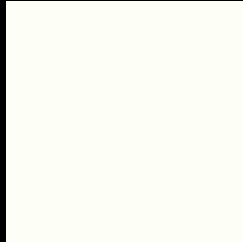
Large Text (above 18pt) WCAG AA × Fail

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, 247 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, 247 Background



This preview shows how black text looks on a background with the RGB color 253, 255, 247.



This preview shows how white text looks on a background with the RGB color 253, 255, 247.

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, 247

Protanopia
255, 254, 253

Deuteranopia
255, 254, 254

Tritanopia

254, 254, 255

Trichromacy

Original Color

253, 255, 247

Protanomaly

254, 254, 251

Deuteranomaly

254, 254, 251

Tritanomaly

254, 254, 252

Monochromacy

Original Color

253, 255, 247

Achromatopsia

253, 253, 253

Achromatomaly

253, 254, 251

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 255, 247 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, 247) looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 247) }
```

Border

The CSS property to change the border of an element to RGB 253, 255, 247 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, 247) }
```

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

```
.border{ border-color:rgb(253, 255, 247) }
```

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, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 253, 255, 247 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, 247) }
```

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

```
.background{ background-color: rgb(253,  
255, 247) }
```

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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