

Converting Colors

RGB(253, 255, 237)

Have a look what the booklet for
RGB(253, 255, 237) contains.

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Color

RGB(253, 255, 237)

Conversions

Conversions Part 1

Format	Color
Hex	FDF FED
RGB	253, 255, 237
RGB Percent	99%, 100%, 93%
CMY	0.0078, 0.0000, 0.0706
CMYK	0.01, 0.00, 0.07, 0.00
HSL	67°, 100%, 96%
HSV	67°, 7%, 100%
XYZ	91.5541, 98.5171, 94.3110
YIQ	252.3500, 4.5860, -6.0220

Conversions

Conversions Part 2

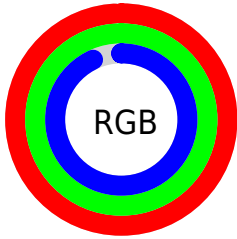
Format	Color
R _Y B	237, 255, 239
Decimal	16646125
CIE Lab	99.42, -3.72, 8.36
CIE LCh	99, 9.149, 113.977
Yxy	98.5171, 0.3219, 0.3464
Android (android.graphics.Color)	4294836205 (0xFFFDFFED)
YUV	252.3500, -7.5675, 0.5701
Hunter-Lab	99.2558, -9.0482, 13.1427

Details

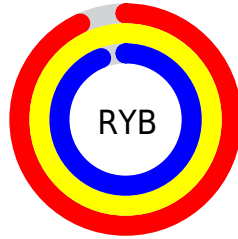
The RGB color 253, 255, 237 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 239, 237, 255, and the grayscale version is 252, 252, 252.

A 20% lighter version of the original color is 255, 255, 255, and 196, 198, 181 is the 20% darker color. If you saturate the color by 10%, you get 250, 255, 212, and if you desaturate by 10%, it is 255, 255, 255.

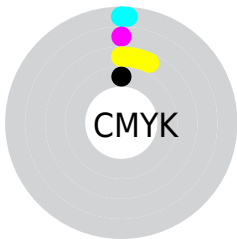
Distribution



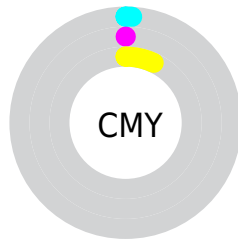
- Red (99%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (94%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 255, 237 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, 237 by changing the saturation by 10% instead.


 253, 255, 237

255, 255, 255

 253, 255, 237

 224, 226, 209

 196, 198, 181

 169, 171, 154

 143, 145, 128

 117, 119, 103

 92, 94, 79

 69, 71, 56

 46, 48, 35

 26, 27, 13

 253, 255, 237

 253, 255, 237

 250, 255, 212


255, 255, 255

 247, 255, 186


 245, 255, 161

 242, 255, 135

 239, 255, 110

 236, 255, 84

 233, 255, 58

 230, 255, 33

 228, 255, 8

Harmonies

Analogous

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



255, 252, 236



253, 255, 237



243, 255, 243

Triad

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



253, 255, 237



234, 255, 255



255, 248, 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, 237



239, 237, 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, 249, 255



253, 255, 237



242, 255, 255

Square

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



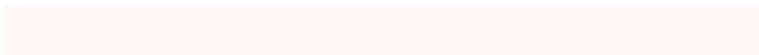
253, 255, 237



232, 255, 255



253, 252, 255



255, 248, 246

Rectangle

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



253, 255, 237



237, 255, 248



253, 252, 255



255, 248, 255

Sweetspot

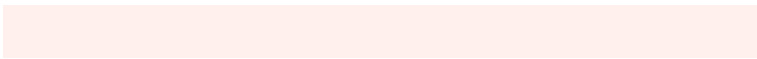
The Sweet Spot groups the original color and five complimentary colors.



253, 255, 237



254, 255, 250



255, 239, 237



127, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



253, 255, 237



253, 255, 235



244, 255, 237



126, 128, 115



170, 191, 0



57, 64, 0

Inverse Universe

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



239, 237, 255



237, 235, 255



248, 237, 255



116, 115, 128



21, 0, 191



7, 0, 64

Previews

White Background



This preview shows how the RGB color 253, 255, 237 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, 237 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, 237 Background



This preview shows how black text looks on a background with the RGB color 253, 255, 237.



This preview shows how white text looks on a background with the RGB color 253, 255, 237.

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, 237



Protanopia
255, 253, 250



Deuteranopia
255, 253, 253

Tritanopia

254, 253, 255

Trichromacy



Original Color

253, 255, 237

Protanomaly

254, 254, 245

Deuteranomaly

254, 254, 247

Tritanomaly

254, 254, 248

Monochromacy



Original Color

253, 255, 237

Achromatopsia

252, 252, 252

Achromatomaly

252, 253, 247

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 255, 237 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, 237) looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 237) }
```

Border

The CSS property to change the border of an element to RGB 253, 255, 237 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, 237) }
```

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

```
.border{ border-color:rgb(253, 255, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 253, 255, 237 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, 237) }
```

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

```
.background{ background-color: rgb(253,  
255, 237) }
```

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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