Converting Colors

RGB(253, 246, 241)

Have a look what the booklet for RGB(253, 246, 241) contains.

Color

RGB(253, 246, 241)

Conversions

Format	Color
	Conversions Part 1
Hex	FDF6F1
RGB	253, 246, 241
RGB Percent	99%, 96%, 95%
CMY	0.0078, 0.0353, 0.0549
CMYK	0.00, 0.03, 0.05, 0.01
HSL	25°, 75%, 97%
HSV	25°, 5%, 99%
XYZ	89.3410, 93.1451, 96.4891
YIQ	247.5230, 5.7770, -0.0710

Conversions

Conversions Part 2

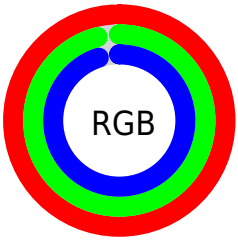
Format	Color
RYB	253, 250, 241
Decimal	16643825
CIELab	97.29, 1.48, 3.22
CIELCh	97, 3.543, 65.247
Yxy	93.1451, 0.3202, 0.3339
Android (android.graphics.Color)	4294833905 (0xFFFDF6F1)
YUV	247.5230, -3.2158, 4.8033
Hunter-Lab	96.5117, -3.6578, 8.2821

Details

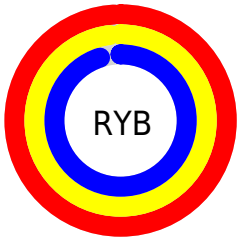
The RGB color 253, 246, 241 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 241, 248, 253, and the grayscale version is 248, 248, 248.

A 20% lighter version of the original color is 255, 255, 255, and 196, 190, 185 is the 20% darker color. If you saturate the color by 10%, you get 253, 231, 216, and if you desaturate by 10%, it is 253, 255, 255.

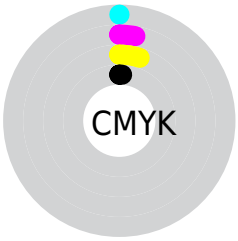
Distribution



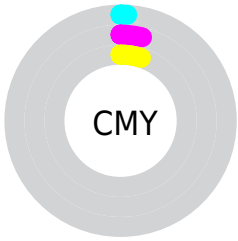
- Red (99%)
- Green (96%)
- Blue (95%)



- Red (99%)
- Yellow (98%)
- Blue (95%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (1%)



- Cyan (1%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 253, 246, 241 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, 246, 241 by changing the saturation by 10% instead.

253, 246, 241

255, 255, 255

253, 246, 241

224, 218, 213

196, 190, 185

169, 163, 158

143, 136, 132

117, 111, 107

92, 87, 83

69, 64, 60

47, 42, 38

26, 21, 17

253, 246, 241

253, 231, 216

253, 216, 190

253, 202, 165

253, 187, 140

253, 172, 114

253, 157, 89

253, 143, 64

253, 128, 39

253, 113, 13

253, 246, 241

253, 255, 255

Harmonies

Analogous

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

255, 245, 243

253, 246, 241

250, 247, 240

Triad

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

253, 246, 241

239, 249, 248

249, 246, 253

Complementary

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

253, 246, 241

241, 248, 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.

245, 247, 254

253, 246, 241

239, 249, 251

Square

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

253, 246, 241

242, 249, 244

241, 248, 253

252, 245, 250

Rectangle

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

253, 246, 241

247, 248, 241

241, 248, 253

247, 246, 253

Sweetspot

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

253, 246, 241

255, 254, 252

253, 241, 248

128, 127, 126

0, 0, 0

128, 128, 128

Same Dimension

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

253, 246, 241

255, 246, 240

253, 252, 241

128, 122, 119

191, 80, 0

64, 27, 0

Inverse Universe

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

241, 248, 253

240, 249, 255

241, 242, 253

119, 124, 128

0, 112, 191

0, 37, 64

Previews

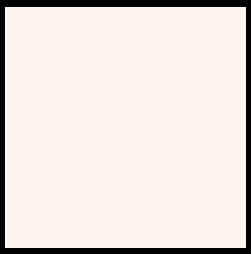
White Background

This preview shows how the RGB color 253, 246, 241 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



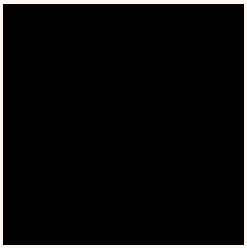
This preview shows how the RGB color 253, 246, 241 looks on a black background.

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, 246, 241 Background



This preview shows how black text looks on a background with the RGB color 253, 246, 241.

This preview shows how white text looks on a background with the RGB color 253, 246, 241.

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, 246, 241

Protanopia
253, 246, 241

Deuteranopia
255, 245, 246

Tritanopia
252, 245, 255

Trichromacy

Original Color
253, 246, 241

Protanomaly
253, 246, 241

Deuteranomaly
254, 245, 244

Tritanomaly
252, 245, 250

Monochromacy

Original Color
253, 246, 241

Achromatopsia
248, 248, 248

Achromatomaly
250, 247, 245

CSS Examples

Text

The CSS property to change the color of the text to RGB 253, 246, 241 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, 246, 241) looks like.

```
.text, #text, p{
    color:rgb(253, 246, 241)
}
```

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, 246, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 246, 241) }
```

Border

The CSS property to change the border of an element to RGB 253, 246, 241 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, 246, 241) }
```

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

```
.border{ border-color:rgb(253, 246, 241) }
```

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

Here you see how a box with a 4 pixel rgb(253, 246, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 246, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 246, 241); box-shadow:4px 4px 4px 4px rgb(253, 246, 241) }
```

Background

The CSS property to change the background color of an element to RGB 253, 246, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(253, 246, 241) }
```

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

```
.background{ background-color:rgb(253,
246, 241) }
```

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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