

Converting Colors

`RYB(255, 249, 246)`

Have a look what the booklet for
RYB(255, 249, 246) contains.

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Color

R_YB(255, 249, 246)

Conversions

Conversions Part 1

Format	Color
Hex	FFF8F6
RGB	255, 248, 246
RGB Percent	100%, 97%, 96%
CMY	0.0000, 0.0265, 0.0353
CMYK	0.00, 0.03, 0.04, 0.00
HSL	15°, 100%, 98%
HSV	15°, 4%, 100%
XYZ	91.5189, 95.2025, 100.7411
YIQ	249.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

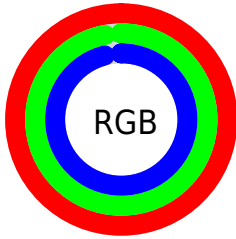
Format	Color
RYB	255, 249, 246
Decimal	16775414
CIELab	98.11, 1.86, 1.86
CIElCh	98, 2.635, 45.021
Yxy	95.2025, 0.3184, 0.3312
Android (android.graphics.Color)	4294965494 (0xFFFFF8F6)
YUV	249.8650, -1.9054, 4.5034
Hunter-Lab	97.5717, -3.3238, 7.0843

Details

The RYB color 255, 249, 246 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 246, 250, 255, and the grayscale version is 250, 250, 250.

A 20% lighter version of the original color is 255, 255, 255, and 198, 193, 190 is the 20% darker color. If you saturate the color by 10%, you get 255, 231, 221, and if you desaturate by 10%, it is 255, 255, 255.

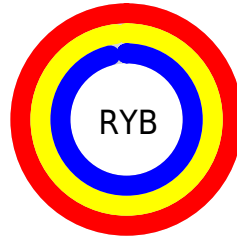
Distribution



Red (100%)

Green (97%)

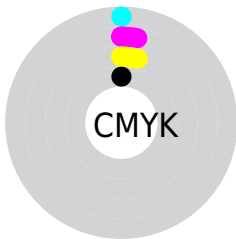
Blue (96%)



Red (100%)

Yellow (98%)

Blue (96%)

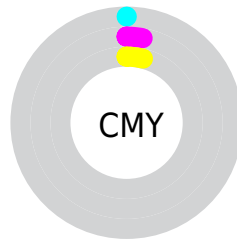


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 249, 246 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 RYB color 255, 249, 246 by changing the saturation by 10% instead.


 255, 249, 246

 255, 249, 246

255, 255, 255

 226, 221, 218


 198, 193, 190


 171, 166, 163

 145, 139, 136

 119, 114, 111

 94, 90, 87

 71, 65, 64

 48, 43, 42

 27, 24, 21

255, 249, 246

255, 249, 246

255, 231, 221

255, 255, 255

255, 215, 195

255, 198, 170

255, 181, 144

255, 164, 119

255, 146, 93

255, 130, 67

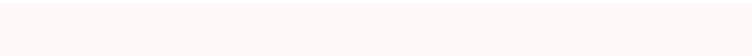
255, 113, 42

255, 96, 16

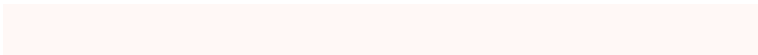
Harmonies

Analogous

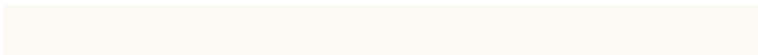
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 248, 248



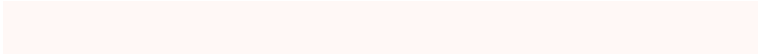
255, 249, 246



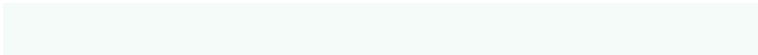
253, 253, 245

Triad

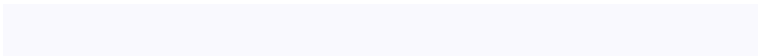
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 249, 246



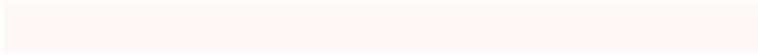
245, 249, 251



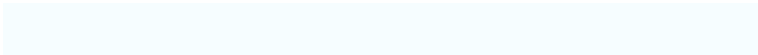
249, 249, 254

Complementary

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



255, 249, 246



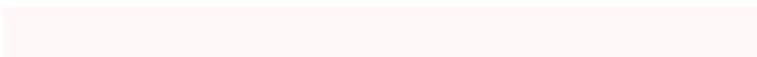
246, 250, 255

Split Complementary

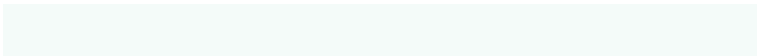
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246, 249, 254



255, 249, 246



244, 248, 251

Square

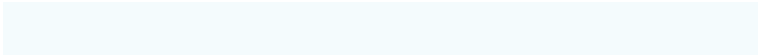
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



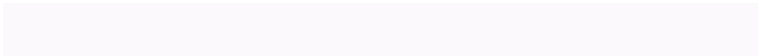
255, 249, 246



246, 251, 250



244, 248, 253



252, 249, 253

Rectangle

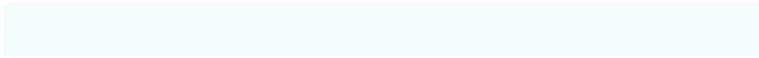
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



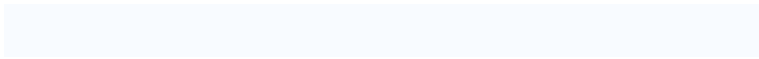
255, 249, 246



247, 251, 244



244, 248, 253



248, 250, 255

Sweetspot

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



255, 249, 246



255, 254, 252



255, 246, 253



128, 128, 126



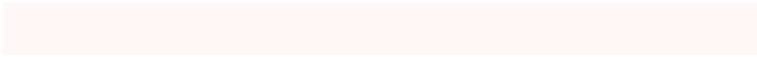
0, 0, 0



128, 128, 128

Same Dimension

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



255, 249, 246



255, 248, 245



249, 255, 246



128, 124, 121



191, 64, 0



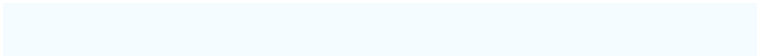
64, 21, 0

Inverse Universe

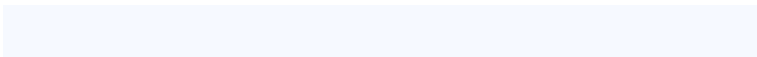
The Inverse Universe completely reimagines the original color for something new.



246, 250, 255



245, 249, 255



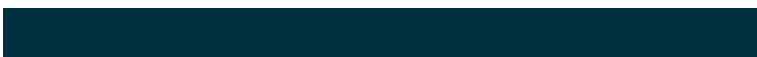
246, 248, 255



121, 124, 128



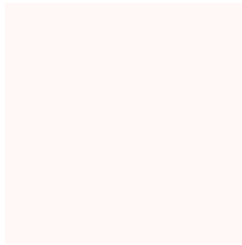
0, 82, 191



0, 27, 64

Previews

White Background



This preview shows how the RYB color 255, 249, 246 looks on a white background.

Color Contrast Check

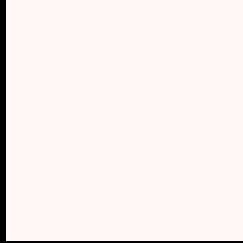
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 255, 249, 246 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](#).

RYB 255, 249, 246 Background



This preview shows how black text looks on a background with the RYB color 255, 249, 246.




This preview shows how white text looks on a background with the RYB color 255, 249, 246.

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, 249, 246

Protanopia
255, 249, 246

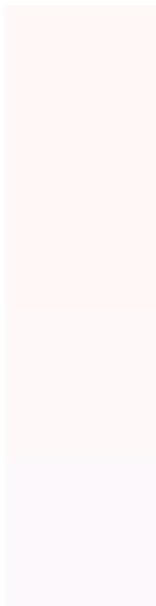
Deuteranopia
255, 248, 249



Tritanopia

252, 248, 255

Trichromacy



Original Color

255, 249, 246

Protanomaly

255, 249, 246

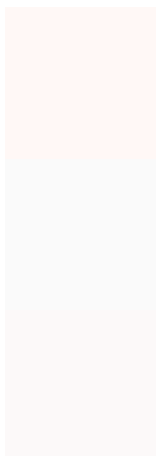
Deuteranomaly

255, 248, 248

Tritanomaly

253, 248, 252

Monochromacy



Original Color

255, 249, 246

Achromatopsia

250, 250, 250

Achromatomaly

252, 249, 249

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 249, 246 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, 248, 246) looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 246)  
}
```

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, 248, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 246) }
```

Border

The CSS property to change the border of an element to RYB 255, 249, 246 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, 248, 246) }
```

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

```
.border{ border-color:rgb(255, 248, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 255, 249, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 246) }
```

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

```
.background{ background-color: rgb(255,  
248, 246) }
```

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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