

Converting Colors

`RYB(249, 255, 246)`

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

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Color

R_YB(249, 255, 246)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDF6
RGB	255, 253, 246
RGB Percent	100%, 99%, 96%
CMY	0.0000, 0.0088, 0.0353
CMYK	0.00, 0.01, 0.04, 0.00
HSL	45°, 100%, 98%
HSV	45°, 4%, 100%
XYZ	92.9210, 98.0066, 101.2085
YIQ	252.8000, 3.4390, -1.7530

Conversions

Conversions Part 2

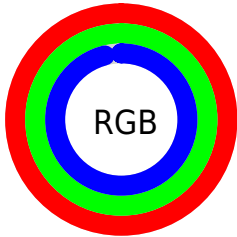
Format	Color
R _Y B	249, 255, 246
Decimal	16776694
CIE Lab	99.22, -0.41, 3.48
CIE LCh	99, 3.500, 96.753
Yxy	98.0066, 0.3181, 0.3355
Android (android.graphics.Color)	4294966774 (0xFFFFDF6)
YUV	252.8000, -3.3524, 1.9294
Hunter-Lab	98.9983, -5.7048, 8.6851

Details

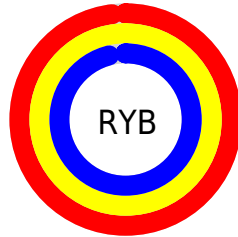
The RYB color 249, 255, 246 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 246, 248, 255, and the grayscale version is 253, 253, 253.

A 20% lighter version of the original color is 255, 255, 255, and 193, 198, 190 is the 20% darker color. If you saturate the color by 10%, you get 233, 255, 221, and if you desaturate by 10%, it is 255, 255, 255.

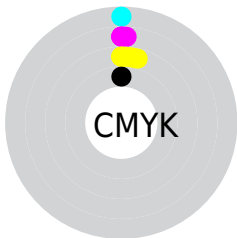
Distribution



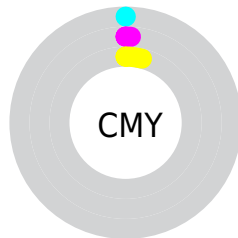
- Red (100%)
- Green (99%)
- Blue (96%)



- Red (98%)
- Yellow (100%)
- Blue (96%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

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

 249, 255, 246


 249, 255, 246


255, 255, 255


 221, 226, 218

 193, 198, 190

 166, 171, 163

 139, 145, 136

 114, 119, 111

 90, 94, 87

 67, 71, 64

 43, 48, 42

 22, 27, 21

 249, 255, 246


 249, 255, 246

 233, 255, 221


255, 255, 255

 215, 255, 195

 198, 255, 170

 181, 255, 144

 164, 255, 119

 146, 255, 93

 130, 255, 67

 113, 255, 42

 96, 255, 16

Harmonies

Analogous

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



252, 255, 247



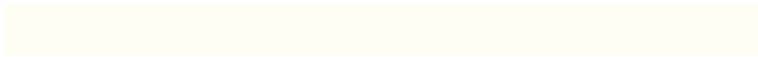
249, 255, 246



247, 254, 250

Triad

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



249, 255, 246



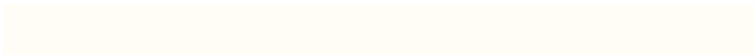
245, 250, 255



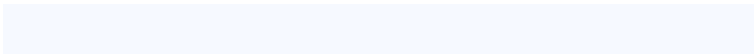
255, 251, 255

Complementary

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



249, 255, 246



246, 248, 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



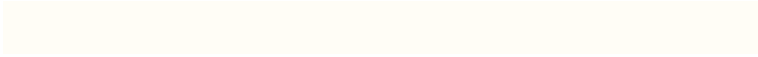
249, 255, 246



247, 251, 255

Square

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



249, 255, 246



245, 251, 255



250, 252, 255



255, 251, 252

Rectangle

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



249, 255, 246



248, 253, 254



250, 252, 255



255, 251, 255

Sweetspot

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



249, 255, 246



254, 255, 252



255, 246, 248



128, 128, 126



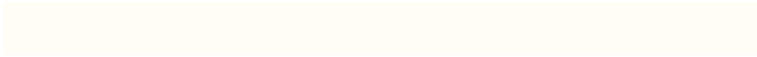
0, 0, 0



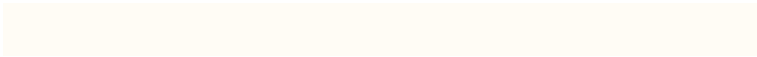
128, 128, 128

Same Dimension

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



249, 255, 246



249, 255, 245



246, 255, 248



124, 128, 121



64, 191, 0



21, 64, 0

Inverse Universe

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



246, 248, 255



245, 247, 255



248, 246, 255



121, 123, 128



0, 38, 191



0, 13, 64

Previews

White Background



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

Color Contrast Check

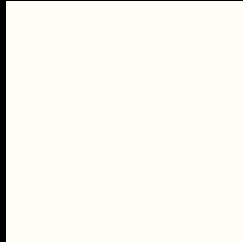
Large Text (above 18pt) WCAG AA × Fail

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 249, 255, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

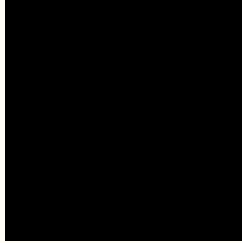
Any Text WCAG AA ✓ Pass

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 249, 255, 246 Background



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



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

Protanopia
255, 253, 250

Deuteranopia
255, 252, 252

Tritanopia

254, 252, 255

Trichromacy

Original Color

249, 255, 246

Protanomaly

255, 255, 249

Deuteranomaly

255, 253, 250

Tritanomaly

254, 252, 252

Monochromacy

Original Color

249, 255, 246

Achromatopsia

253, 253, 253

Achromatomaly

251, 254, 250

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 255, 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, 253, 246) looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 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, 253, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 246) }
```

Border

The CSS property to change the border of an element to RYB 249, 255, 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, 253, 246) }
```

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

```
.border{ border-color:rgb(255, 253, 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, 253, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 249, 255, 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, 253, 246) }
```

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

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