

Converting Colors

`RYB(246, 254, 249)`

Have a look what the booklet for
RYB(246, 254, 249) contains.

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Color

R_YB(246, 254, 249)

Conversions

Conversions Part 1

Format	Color
Hex	FBFEF6
RGB	251, 254, 246
RGB Percent	98%, 100%, 96%
CMY	0.0157, 0.0039, 0.0353
CMYK	0.01, 0.00, 0.03, 0.00
HSL	83°, 80%, 98%
HSV	83°, 3%, 100%
XYZ	91.8600, 98.0467, 101.2721
YIQ	252.1910, 0.7800, -3.1240

Conversions

Conversions Part 2

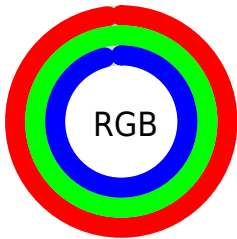
Format	Color
R_{YB}	246, 254, 249
Decimal	16514806
CIE Lab	99.24, -2.38, 3.46
CIE LCh	99, 4.199, 124.451
Yxy	98.0467, 0.3155, 0.3367
Android (android.graphics.Color)	4294704886 (0xFFFBFEF6)
YUV	252.1910, -3.0522, -1.0445
Hunter-Lab	99.0185, -7.6870, 8.6736

Details

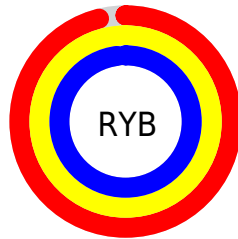
The RYB color 246, 254, 249 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 249, 246, 254, and the grayscale version is 252, 252, 252.

A 20% lighter version of the original color is 255, 255, 255, and 190, 197, 192 is the 20% darker color. If you saturate the color by 10%, you get 221, 254, 234, and if you desaturate by 10%, it is 255, 254, 255.

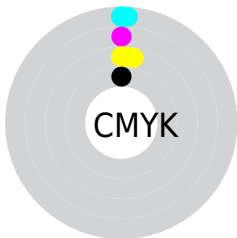
Distribution



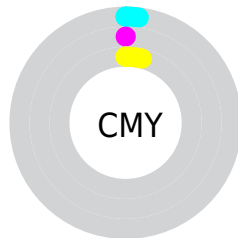
- Red (98%)
- Green (100%)
- Blue (96%)



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



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



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 254, 249 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 246, 254, 249 by changing the saturation by 10% instead.



246, 254, 249



246, 254, 249

255, 255, 255



218, 225, 221



190, 197, 192



163, 170, 166



136, 144, 139



111, 118, 114



87, 93, 89



64, 70, 67



42, 48, 45



21, 27, 23

246, 254, 249

246, 254, 249

221, 254, 234

255, 254, 255

195, 254, 217

170, 254, 202

144, 254, 185

119, 254, 170

94, 254, 154

68, 254, 138

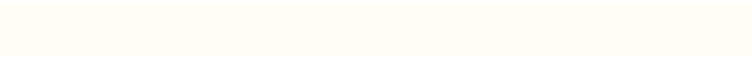
43, 254, 122

17, 254, 106

Harmonies

Analogous

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



248, 255, 245



246, 254, 249



247, 253, 255

Triad

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



246, 254, 249



245, 250, 255



255, 250, 252

Complementary

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



246, 254, 249



249, 246, 254

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, 251, 255



246, 254, 249



250, 252, 255

Square

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



246, 254, 249



243, 249, 255



255, 252, 255



255, 251, 248

Rectangle

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



246, 254, 249



244, 250, 255



255, 252, 255



255, 250, 254

Sweetspot

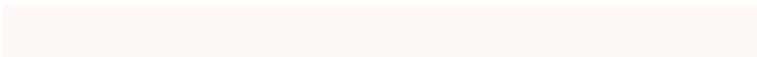
The Sweet Spot groups the original color and five complimentary colors.



246, 254, 249



252, 255, 253



254, 251, 246



126, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



246, 254, 249



245, 255, 249



246, 254, 253



121, 128, 124



0, 191, 71



0, 64, 24

Inverse Universe

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



249, 246, 254



249, 245, 255



253, 246, 254



124, 121, 128



72, 0, 191



24, 0, 64

Previews

White Background



This preview shows how the RYB color 246, 254, 249 looks on a white background.

Color Contrast Check

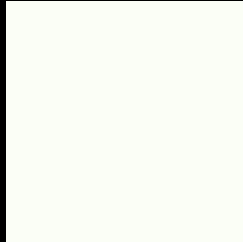
Large Text (above 18pt) WCAG AA × Fail

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 246, 254, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

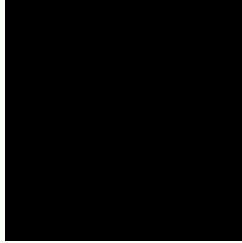
Any Text WCAG AA ✓ Pass

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 246, 254, 249 Background



This preview shows how black text looks on a background with the RYB color 246, 254, 249.



This preview shows how white text looks on a background with the RYB color 246, 254, 249.

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
246, 254, 249

Protanopia
255, 253, 250

Deuteranopia
255, 252, 252

Tritanopia

253, 252, 255

Trichromacy



Original Color

246, 254, 249

Protanomaly

250, 254, 249

Deuteranomaly

251, 254, 250

Tritanomaly

252, 253, 253

Monochromacy



Original Color

246, 254, 249



Achromatopsia

252, 252, 252

Achromatomaly

250, 253, 251

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 254, 249 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(251, 254, 246) looks like.

```
.text, #text, p{  
    color:rgb(251, 254, 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(251, 254, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 254, 246) }
```

Border

The CSS property to change the border of an element to RYB 246, 254, 249 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(251, 254, 246) }
```

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

```
.border{ border-color:rgb(251, 254, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 254, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 254, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 254, 246);  
box-shadow:4px 4px 4px 4px rgb(251, 254,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 246, 254, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 254, 246) }
```

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

```
.background{ background-color: rgb(251,  
254, 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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