

Converting Colors

`RYB(247, 250, 247)`

Have a look what the booklet for RYB(247, 250, 247) contains.

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Color

`RYB(247, 250, 247)`

Conversions

Conversions Part 1

Format	Color
Hex	FAFAF7
RGB	250, 250, 247
RGB Percent	98%, 98%, 97%
CMY	0.0196, 0.0196, 0.0314
CMYK	0.00, 0.00, 0.01, 0.02
HSL	60°, 23%, 97%
HSV	60°, 1%, 98%
XYZ	90.3984, 95.4106, 101.6473
YIQ	249.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

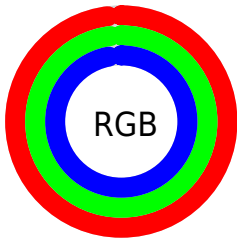
Format	Color
R_{YB}	247, 250, 247
Decimal	16448247
CIE _{Lab}	98.20, -0.52, 1.42
CIE _{LCh}	98, 1.516, 110.013
Yxy	95.4106, 0.3145, 0.3319
Android (android.graphics.Color)	4294638327 (0xFFFAFAF7)
YUV	249.6580, -1.3104, 0.2999
Hunter-Lab	97.6784, -5.7406, 6.6757

Details

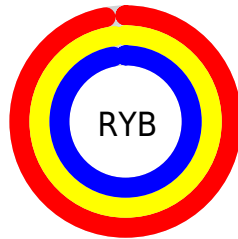
The RYB color 247, 250, 247 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 247, 247, 250, and the grayscale version is 250, 250, 250.

A 20% lighter version of the original color is 255, 255, 255, and 191, 194, 191 is the 20% darker color. If you saturate the color by 10%, you get 222, 250, 222, and if you desaturate by 10%, it is 250, 250, 255.

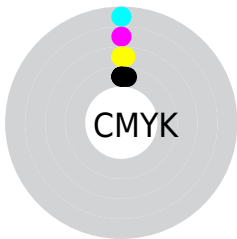
Distribution



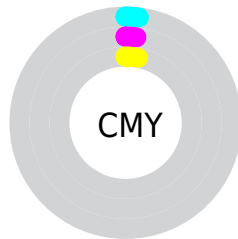
- Red (98%)
- Green (98%)
- Blue (97%)



- Red (97%)
- Yellow (98%)
- Blue (97%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 250, 247 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 247, 250, 247 by changing the saturation by 10% instead.

 247, 250, 247

 247, 250, 247

255, 255, 255

 219, 221, 219

 191, 194, 191

 164, 166, 164

 137, 140, 137

 112, 115, 112

 88, 90, 88

 64, 67, 64

 42, 45, 42

 22, 24, 22

 247, 250, 247

 247, 250, 247

 222, 250, 222

 250, 250, 255

 197, 250, 197

 172, 250, 172

 147, 250, 147

 122, 250, 122

 97, 250, 97

 72, 250, 72

 47, 250, 47

 22, 250, 22

Harmonies

Analogous

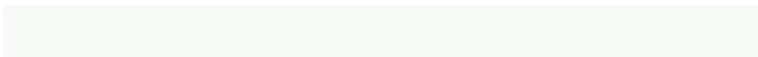
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



250, 252, 247



247, 250, 247



248, 250, 250

Triad

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



247, 250, 247



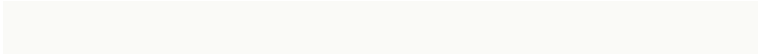
247, 249, 252



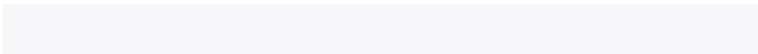
253, 249, 250

Complementary

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



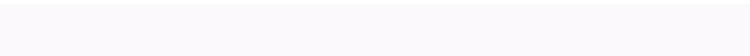
247, 250, 247



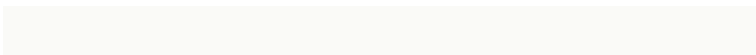
247, 247, 250

Split Complementary

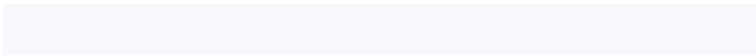
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251, 249, 252



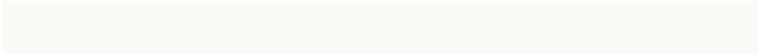
247, 250, 247



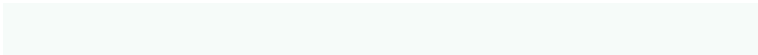
248, 249, 253

Square

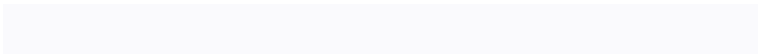
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



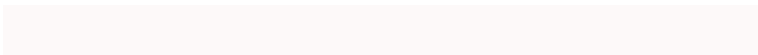
247, 250, 247



246, 249, 251



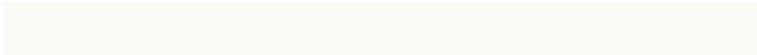
250, 250, 253



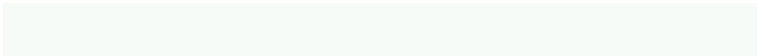
253, 249, 249

Rectangle

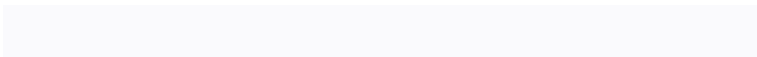
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



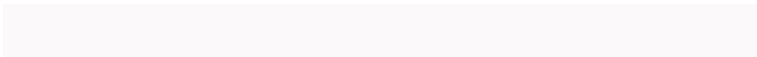
247, 250, 247



247, 250, 251



250, 250, 253



252, 249, 251

Sweetspot

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



247, 250, 247

255, 255, 255



250, 247, 247



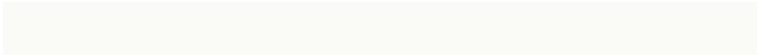
128, 128, 128



0, 0, 0

Same Dimension

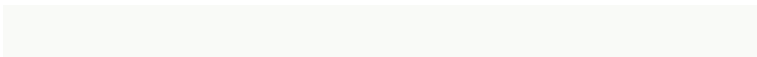
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247, 250, 247



252, 255, 252



247, 250, 248



124, 125, 124



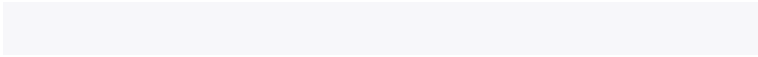
0, 189, 0



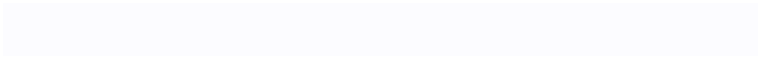
0, 61, 0

Inverse Universe

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



247, 247, 250



252, 252, 255



249, 247, 250



124, 124, 125



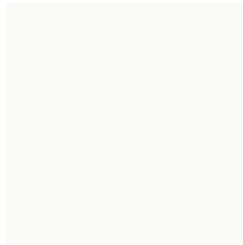
0, 0, 189



0, 0, 61

Previews

White Background



This preview shows how the RGB color 247, 250, 247 looks on a white background.

Color Contrast Check

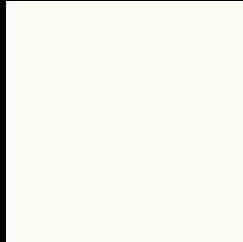
Large Text (above 18pt) WCAG AA × Fail

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 247, 250, 247 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 247, 250, 247 Background



This preview shows how black text looks on a background with the RYB color 247, 250, 247.

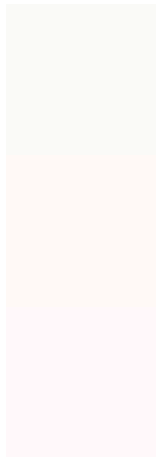


This preview shows how white text looks on a background with the RYB color 247, 250, 247.

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
[247, 250, 247](#)

Protanopia
[255, 251, 246](#)

Deuteranopia
[255, 248, 250](#)

Tritanopia
251, 249, 255

Trichromacy



Original Color

247, 250, 247

Protanomaly

253, 251, 246

Deuteranomaly

253, 249, 249

Tritanomaly

251, 249, 252

Monochromacy



Original Color

247, 250, 247

Achromatopsia

250, 250, 250

Achromatomaly

249, 250, 249

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 250, 247 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(250, 250, 247) looks like.

```
.text, #text, p{  
    color:rgb(250, 250, 247)  
}
```

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(250, 250, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 250, 247) }
```

Border

The CSS property to change the border of an element to RYB 247, 250, 247 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(250, 250, 247) }
```

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

```
.border{ border-color:rgb(250, 250, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 250, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 250, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 250, 247);  
box-shadow:4px 4px 4px 4px rgb(250, 250,  
247) }
```

Background

The CSS property to change the background color of an element to RYB 247, 250, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 250, 247) }
```

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

```
.background{ background-color: rgb(250,  
250, 247) }
```

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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