

Converting Colors

`RYB(247, 251, 242)`

Have a look what the booklet for RYB(247, 251, 242) contains.

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Color

R_YB(247, 251, 242)

Conversions

Conversions Part 1

Format	Color
Hex	FBF8F2
RGB	251, 248, 242
RGB Percent	98%, 97%, 95%
CMY	0.0157, 0.0283, 0.0510
CMYK	0.00, 0.01, 0.04, 0.02
HSL	39°, 53%, 97%
HSV	39°, 4%, 98%
XYZ	89.3122, 93.9231, 97.4261
YIQ	248.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

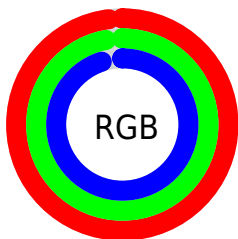
Format	Color
R_{YB}	247, 251, 242
Decimal	16513266
CIE _{Lab}	97.60, 0.08, 3.14
CIE _{LCh}	98, 3.141, 88.629
Yxy	93.9231, 0.3182, 0.3346
Android (android.graphics.Color)	4294703346 (0xFFFBF8F2)
YUV	248.2130, -3.0630, 2.4442
Hunter-Lab	96.9140, -5.1006, 8.2364

Details

The RYB color 247, 251, 242 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 242, 244, 251, and the grayscale version is 248, 248, 248.

A 20% lighter version of the original color is 255, 255, 255, and 191, 195, 186 is the 20% darker color. If you saturate the color by 10%, you get 236, 251, 217, and if you desaturate by 10%, it is 251, 253, 255.

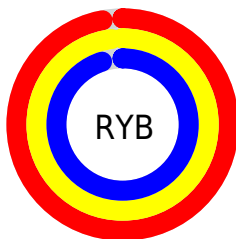
Distribution



Red (98%)

Green (97%)

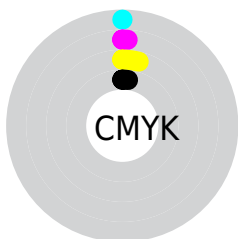
Blue (95%)



Red (97%)

Yellow (98%)

Blue (95%)

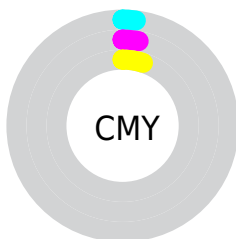


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (2%)



Cyan (2%)

Magenta (3%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 251, 242 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, 251, 242 by changing the saturation by 10% instead.


 247, 251, 242

255, 255, 255


 247, 251, 242


 219, 222, 214

 193, 195, 186

 164, 167, 159


 138, 141, 133

 111, 115, 108

 88, 91, 83

 63, 67, 60

 42, 45, 39

 21, 25, 18

247, 251, 242

247, 251, 242

236, 251, 217

251, 253, 255

225, 251, 192

214, 251, 167

203, 251, 142

192, 251, 117

180, 251, 91

169, 251, 66

158, 251, 41

147, 251, 16

Harmonies

Analogous

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



254, 249, 243



247, 251, 242



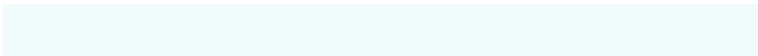
243, 249, 245

Triad

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



247, 251, 242



241, 246, 251



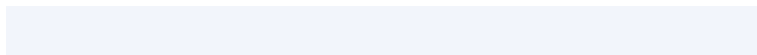
252, 247, 251

Complementary

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



247, 251, 242



242, 244, 251

Split Complementary

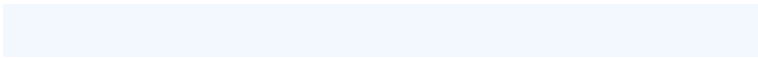
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249, 247, 253



247, 251, 242



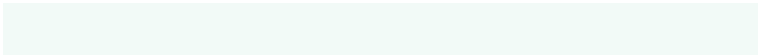
242, 246, 253

Square

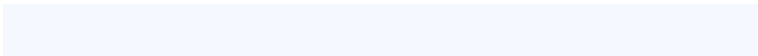
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



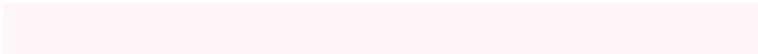
247, 251, 242



242, 247, 250



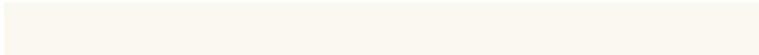
245, 247, 254



254, 246, 248

Rectangle

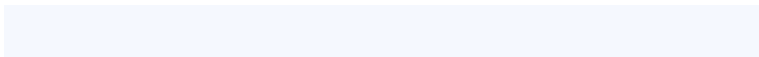
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



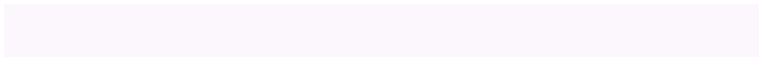
247, 251, 242



244, 249, 248



245, 247, 254



251, 247, 252

Sweetspot

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



247, 251, 242



254, 255, 252



251, 242, 245



128, 128, 126



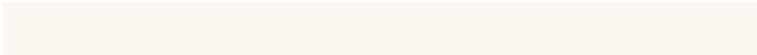
0, 0, 0



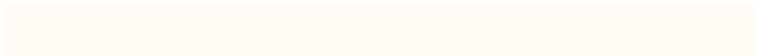
128, 128, 128

Same Dimension

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



247, 251, 242



252, 255, 245



242, 251, 243



122, 125, 119



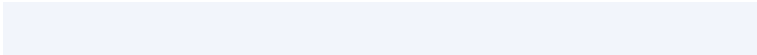
106, 189, 0



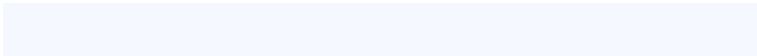
34, 61, 0

Inverse Universe

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



242, 244, 251



245, 247, 255



243, 242, 251



119, 121, 125



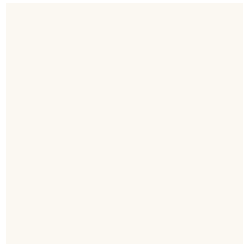
0, 49, 189



0, 16, 61

Previews

White Background



This preview shows how the RYB color 247, 251, 242 looks on a white background.

Color Contrast Check

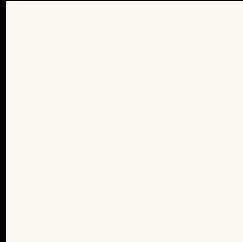
Large Text (above 18pt) WCAG AA × Fail

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, 251, 242 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, 251, 242 Background



This preview shows how black text looks on a background with the RYB color 247, 251, 242.

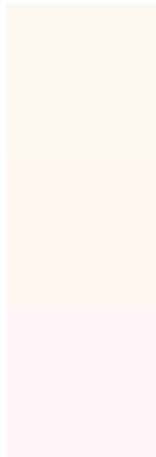


This preview shows how white text looks on a background with the RYB color 247, 251, 242.

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](#), [251](#), [242](#)

Protanopia
[254](#), [251](#), [242](#)

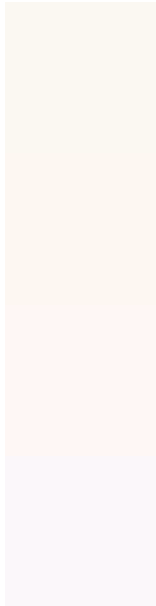
Deuteranopia
[255](#), [246](#), [247](#)



Tritanopia

251, 247, 255

Trichromacy



Original Color

247, 251, 242

Protanomaly

253, 251, 242

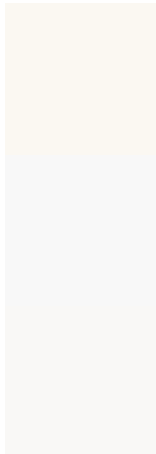
Deuteranomaly

254, 248, 245

Tritanomaly

251, 247, 250

Monochromacy



Original Color

247, 251, 242

Achromatopsia

248, 248, 248

Achromatomaly

248, 249, 246

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 251, 242 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, 248, 242) looks like.

```
.text, #text, p{  
    color:rgb(251, 248, 242)  
}
```

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, 248, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 248, 242) }
```

Border

The CSS property to change the border of an element to RYB 247, 251, 242 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, 248, 242) }
```

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

```
.border{ border-color:rgb(251, 248, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 248, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 248, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 248, 242);  
box-shadow:4px 4px 4px 4px rgb(251, 248,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 247, 251, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 248, 242) }
```

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

```
.background{ background-color: rgb(251,  
248, 242) }
```

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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