

Converting Colors

`RYB(242, 252, 244)`

Have a look what the booklet for RYB(242, 252, 244) contains.

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Color

R_YB(242, 252, 244)

Conversions

Conversions Part 1

Format	Color
Hex	FAFCF2
RGB	250, 252, 242
RGB Percent	98%, 99%, 95%
CMY	0.0196, 0.0118, 0.0510
CMYK	0.01, 0.00, 0.04, 0.01
HSL	72°, 63%, 97%
HSV	72°, 4%, 99%
XYZ	90.2618, 96.3556, 97.8456
YIQ	250.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

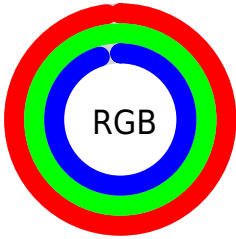
Format	Color
R _Y B	242, 252, 244
Decimal	16448754
CIE Lab	98.57, -2.39, 4.54
CIE LCh	99, 5.129, 117.728
Yxy	96.3556, 0.3173, 0.3387
Android (android.graphics.Color)	4294638834 (0xFFFAFCF2)
YUV	250.2620, -4.0732, -0.2298
Hunter-Lab	98.1609, -7.6457, 9.6131

Details

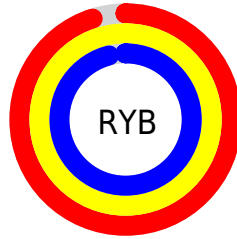
The RYB color 242, 252, 244 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 244, 242, 252, and the grayscale version is 250, 250, 250.

A 20% lighter version of the original color is 255, 255, 255, and 186, 195, 187 is the 20% darker color. If you saturate the color by 10%, you get 217, 252, 224, and if you desaturate by 10%, it is 255, 252, 255.

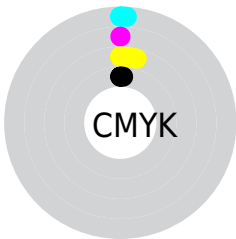
Distribution



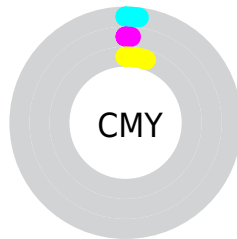
- Red (98%)
- Green (99%)
- Blue (95%)



- Red (95%)
- Yellow (99%)
- Blue (96%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 252, 244 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 242, 252, 244 by changing the saturation by 10% instead.

 242, 252, 244

255, 255, 255

 242, 252, 244

 214, 223, 216

 186, 195, 187

 159, 168, 161

 133, 142, 135

 108, 116, 109

 83, 92, 85

 60, 68, 61

 39, 46, 41

 18, 25, 19

242, 252, 244

242, 252, 244

217, 252, 224

255, 252, 255

192, 252, 204

166, 252, 183

141, 252, 163

116, 252, 143

91, 252, 123

66, 252, 103

40, 252, 82

15, 252, 62

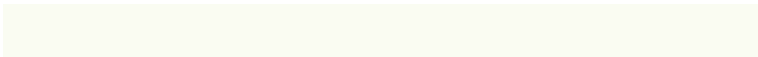
Harmonies

Analogous

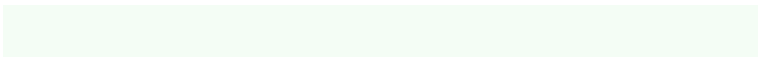
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 255, 241



242, 252, 244



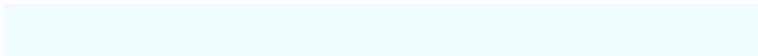
244, 252, 253

Triad

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



242, 252, 244



241, 247, 255



255, 248, 251

Complementary

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



242, 252, 244



244, 242, 252

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, 248, 255



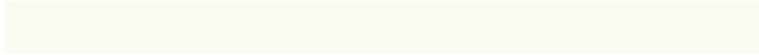
242, 252, 244



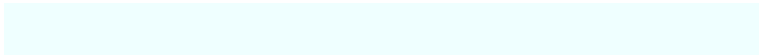
246, 249, 255

Square

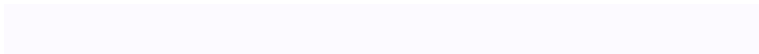
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



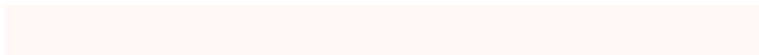
242, 252, 244



239, 247, 255



252, 250, 255



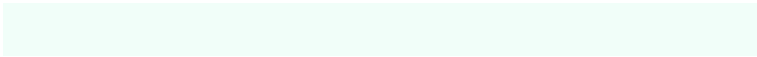
255, 249, 246

Rectangle

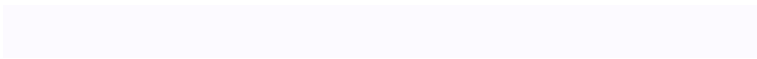
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242, 252, 244



241, 249, 254



252, 250, 255



255, 248, 253

Sweetspot

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



242, 252, 244



252, 255, 253



252, 245, 242



126, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

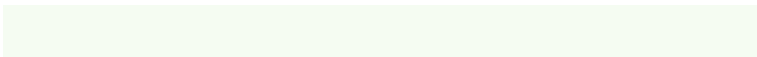
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 252, 244



242, 255, 245



242, 252, 249



117, 125, 119



0, 189, 38



0, 61, 12

Inverse Universe

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



244, 242, 252



245, 242, 255



249, 242, 252



119, 117, 125



38, 0, 189



12, 0, 61

Previews

White Background



This preview shows how the RYB color 242, 252, 244 looks on a white background.

Color Contrast Check

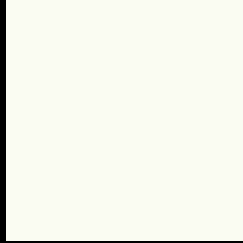
Large Text (above 18pt) WCAG AA × Fail

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 242, 252, 244 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 242, 252, 244 Background



This preview shows how black text looks on a background with the RYB color 242, 252, 244.

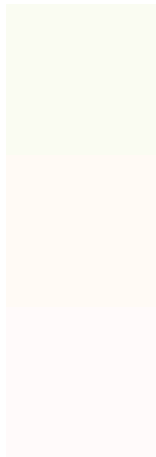


This preview shows how white text looks on a background with the RYB color 242, 252, 244.

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

242, 252, 244

Protanopia

255, 255, 245

Deuteranopia

255, 250, 250

Tritanopia

252, 250, 255

Trichromacy



Original Color

242, 252, 244

Protanomaly

247, 253, 244

Deuteranomaly

250, 253, 247

Tritanomaly

250, 251, 250

Monochromacy



Original Color

242, 252, 244

Achromatopsia

250, 250, 250

Achromatomaly

247, 251, 248

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 252, 244 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, 252, 242) looks like.

```
.text, #text, p{  
    color:rgb(250, 252, 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(250, 252, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 252, 242) }
```

Border

The CSS property to change the border of an element to RYB 242, 252, 244 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, 252, 242) }
```

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

```
.border{ border-color:rgb(250, 252, 242) }
```

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

Here you see how a box with a 4 pixel rgb(250, 252, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 252, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 252, 242);  
box-shadow:4px 4px 4px 4px rgb(250, 252,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 242, 252, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 252, 242) }
```

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

```
.background{ background-color: rgb(250,  
252, 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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