

Converting Colors

`RYB(242, 255, 247)`

Have a look what the booklet for RYB(242, 255, 247) contains.

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Color

R_YB(242, 255, 247)

Conversions

Conversions Part 1

Format	Color
Hex	FAFFF2
RGB	250, 255, 242
RGB Percent	98%, 100%, 95%
CMY	0.0196, 0.0000, 0.0510
CMYK	0.02, 0.00, 0.05, 0.00
HSL	83°, 100%, 97%
HSV	83°, 5%, 100%
XYZ	91.2114, 98.2548, 98.1621
YIQ	252.0230, 1.1930, -5.1030

Conversions

Conversions Part 2

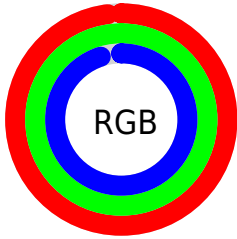
Format	Color
R _Y B	242, 255, 247
Decimal	16449522
CIE Lab	99.32, -3.89, 5.62
CIE LCh	99, 6.838, 124.699
Yxy	98.2548, 0.3171, 0.3416
Android (android.graphics.Color)	4294639602 (0xFFFAFF2)
YUV	252.0230, -4.9413, -1.7742
Hunter-Lab	99.1236, -9.2144, 10.6716

Details

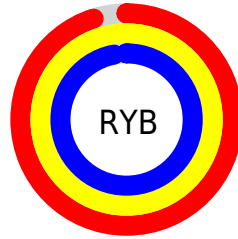
The RYB color 242, 255, 247 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 247, 242, 255, and the grayscale version is 252, 252, 252.

A 20% lighter version of the original color is 255, 255, 255, and 186, 198, 190 is the 20% darker color. If you saturate the color by 10%, you get 217, 255, 232, and if you desaturate by 10%, it is 255, 255, 255.

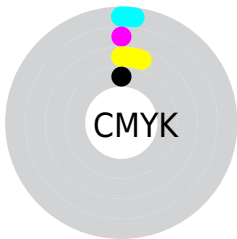
Distribution



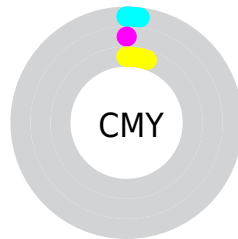
- Red (98%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (97%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 255, 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 242, 255, 247 by changing the saturation by 10% instead.

 242, 255, 247


255, 255, 255

 242, 255, 247

 214, 226, 219

 186, 198, 190

 159, 171, 164

 133, 145, 138

 108, 119, 112

 83, 94, 87

 60, 71, 64

 39, 48, 43

 18, 27, 21

242, 255, 247

242, 255, 247

217, 255, 232

255, 255, 255

191, 255, 216

165, 255, 199

140, 255, 184

114, 255, 168

89, 255, 153

63, 255, 137

38, 255, 121

12, 255, 105

Harmonies

Analogous

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



242, 255, 240



242, 255, 247



243, 252, 255

Triad

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



242, 255, 247



241, 248, 255



255, 249, 252

Complementary

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



242, 255, 247



247, 242, 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, 249, 255



242, 255, 247



248, 251, 255

Square

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



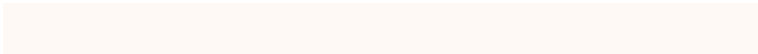
242, 255, 247



237, 246, 255



255, 251, 255



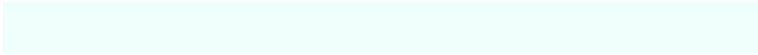
255, 251, 246

Rectangle

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



242, 255, 247



239, 248, 255



255, 251, 255



255, 249, 254

Sweetspot

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



242, 255, 247



250, 255, 252



255, 250, 242



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



242, 255, 247



240, 255, 246



242, 255, 253



119, 128, 123



0, 191, 73



0, 64, 25

Inverse Universe

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



247, 242, 255



246, 240, 255



253, 242, 255



122, 119, 128



74, 0, 191



25, 0, 64

Previews

White Background



This preview shows how the RYB color 242, 255, 247 looks on a white background.

Color Contrast Check

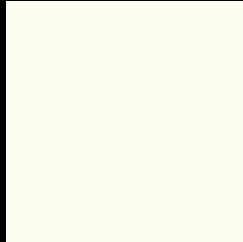
Large Text (above 18pt) WCAG AA × Fail

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 242, 255, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

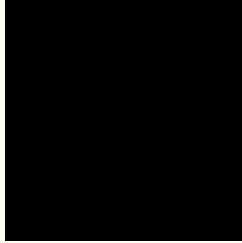
Any Text WCAG AA ✓ Pass

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 242, 255, 247 Background



This preview shows how black text looks on a background with the RYB color 242, 255, 247.



This preview shows how white text looks on a background with the RYB color 242, 255, 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
242, 255, 247



Protanopia
253, 255, 250

Deuteranopia
255, 252, 252

Tritanopia

253, 253, 255

Trichromacy



Original Color

242, 255, 247

Protanomaly

247, 254, 248

Deuteranomaly

248, 253, 248

Tritanomaly

250, 254, 252

Monochromacy



Original Color

242, 255, 247



Achromatopsia

252, 252, 252

Achromatomaly

248, 253, 250

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 255, 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, 255, 242) looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 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, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 242) }
```

Border

The CSS property to change the border of an element to RYB 242, 255, 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, 255, 242) }
```

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

```
.border{ border-color:rgb(250, 255, 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, 255, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 242, 255, 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, 255, 242) }
```

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

```
.background{ background-color: rgb(250,  
255, 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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