

Converting Colors

`RYB(255, 246, 242)`

Have a look what the booklet for
RYB(255, 246, 242) contains.

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Color

R_YB(255, 246, 242)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5F2
RGB	255, 245, 242
RGB Percent	100%, 96%, 95%
CMY	0.0000, 0.0390, 0.0510
CMYK	0.00, 0.04, 0.05, 0.00
HSL	14°, 100%, 97%
HSV	14°, 5%, 100%
XYZ	89.9372, 93.0112, 97.2172
YIQ	247.6480, 6.9230, 1.1870

Conversions

Conversions Part 2

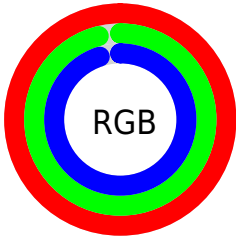
Format	Color
R _Y B	255, 246, 242
Decimal	16774642
CIE Lab	97.23, 2.80, 2.64
CIE LCh	97, 3.853, 43.289
Yxy	93.0112, 0.3210, 0.3320
Android (android.graphics.Color)	4294964722 (0xFFFFF5F2)
YUV	247.6480, -2.7845, 6.4477
Hunter-Lab	96.4423, -2.3140, 7.7433

Details

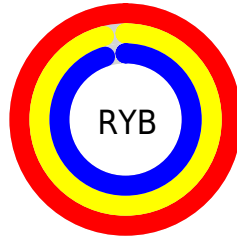
The RYB color **255, 246, 242** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **242, 248, 255**, and the grayscale version is **248, 248, 248**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 190, 186** is the 20% darker color. If you saturate the color by 10%, you get **255, 229, 217**, and if you desaturate by 10%, it is **255, 255, 255**.

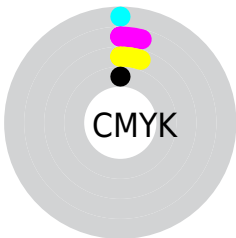
Distribution



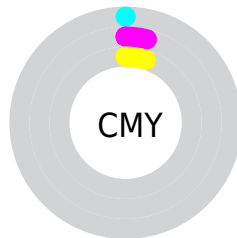
- Red (100%)
- Green (96%)
- Blue (95%)



- Red (100%)
- Yellow (96%)
- Blue (95%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 246, 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 255, 246, 242 by changing the saturation by 10% instead.


 255, 246, 242

255, 255, 255

 255, 246, 242

 226, 218, 214

 198, 190, 186


 171, 163, 159

 144, 137, 133

 119, 110, 108

 94, 87, 83

 70, 64, 60

 48, 42, 39

 27, 23, 18

 255, 246, 242

 255, 246, 242

 255, 229, 217


255, 255, 255


 255, 211, 191


 255, 194, 165

 255, 175, 140

 255, 159, 114

 255, 140, 89

 255, 123, 63

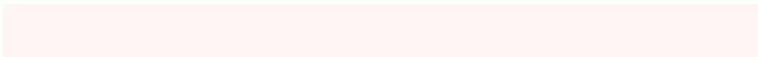
 255, 105, 38

 255, 88, 12

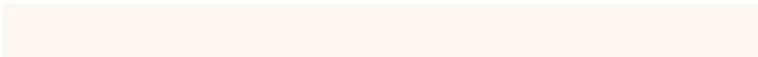
Harmonies

Analogous

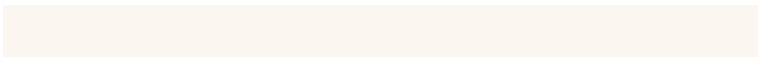
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 245, 245



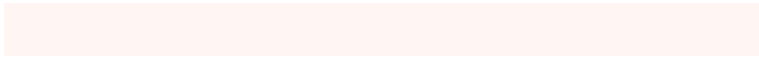
255, 246, 242



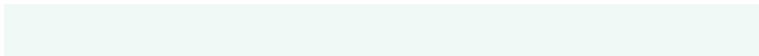
252, 252, 240

Triad

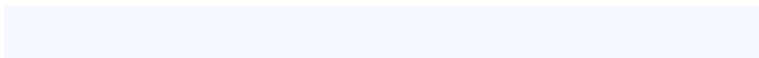
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 246, 242



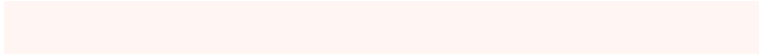
240, 246, 249



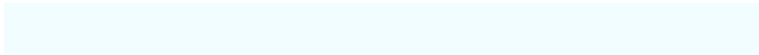
245, 247, 254

Complementary

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



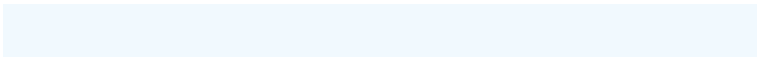
255, 246, 242



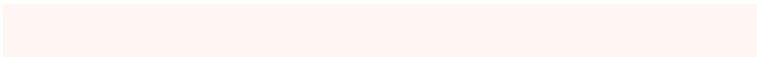
242, 248, 255

Split Complementary

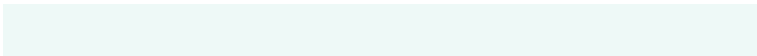
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241, 246, 254



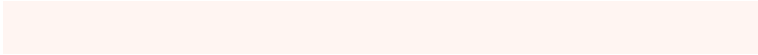
255, 246, 242



238, 244, 249

Square

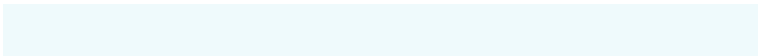
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



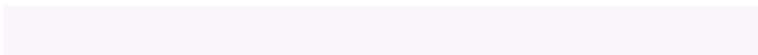
255, 246, 242



241, 248, 245



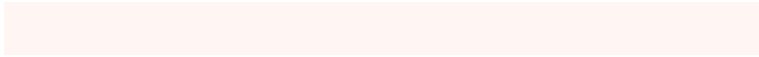
239, 245, 252



250, 246, 252

Rectangle

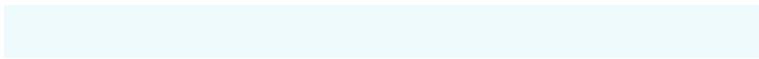
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 246, 242



244, 250, 240



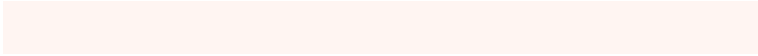
239, 245, 252



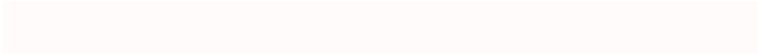
244, 246, 254

Sweetspot

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



255, 246, 242



255, 251, 250



255, 242, 252



128, 127, 125



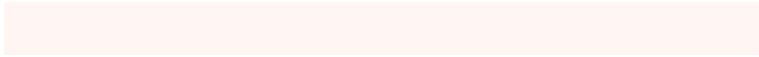
0, 0, 0



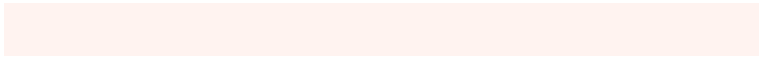
128, 128, 128

Same Dimension

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



255, 246, 242



255, 244, 240



246, 255, 242



128, 122, 119



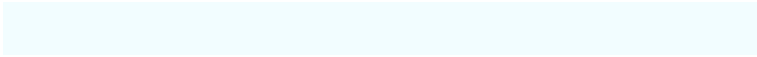
191, 59, 0



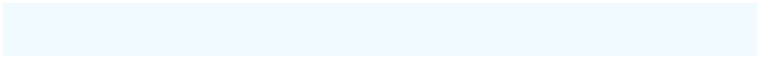
64, 20, 0

Inverse Universe

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



242, 248, 255



240, 246, 255



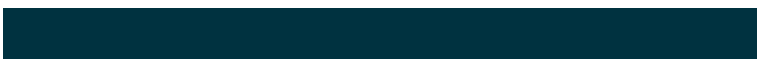
242, 244, 255



119, 123, 128



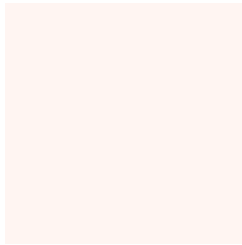
0, 83, 191



0, 28, 64

Previews

White Background



This preview shows how the RYB color 255, 246, 242 looks on a white background.

Color Contrast Check

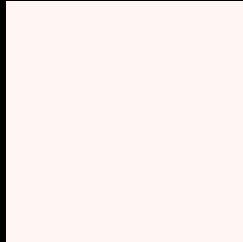
Large Text (above 18pt) WCAG AA × Fail

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 255, 246, 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

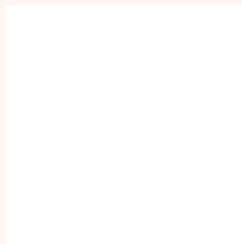
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 255, 246, 242 Background



This preview shows how black text looks on a background with the RYB color 255, 246, 242.



This preview shows how white text looks on a background with the RYB color 255, 246, 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
255, 246, 242

Protanopia
252, 249, 242

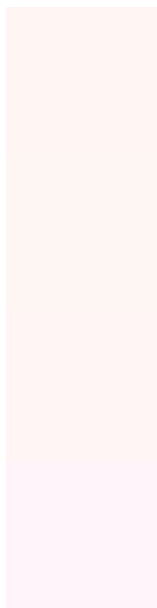
Deuteranopia
255, 245, 246



Tritanopia

253, 244, 255

Trichromacy



Original Color

255, 246, 242

Protanomaly

253, 248, 242

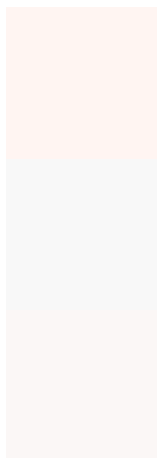
Deuteranomaly

255, 245, 245

Tritanomaly

254, 244, 250

Monochromacy



Original Color

255, 246, 242

Achromatopsia

248, 248, 248

Achromatomaly

251, 247, 246

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 246, 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(255, 245, 242) looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 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(255, 245, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 242) }
```

Border

The CSS property to change the border of an element to RYB 255, 246, 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(255, 245, 242) }
```

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

```
.border{ border-color:rgb(255, 245, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 255, 246, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 242) }
```

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

```
.background{ background-color: rgb(255,  
245, 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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