

Converting Colors

`RYB(255, 242, 241)`

Have a look what the booklet for
RYB(255, 242, 241) contains.

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Color

R_YB(255, 242, 241)

Conversions

Conversions Part 1

Format	Color
Hex	FFF2F1
RGB	255, 242, 241
RGB Percent	100%, 95%, 95%
CMY	0.0000, 0.0512, 0.0549
CMYK	0.00, 0.05, 0.05, 0.00
HSL	4°, 100%, 97%
HSV	4°, 5%, 100%
XYZ	88.8495, 91.0755, 96.1155
YIQ	245.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

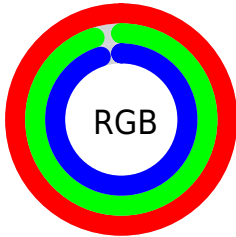
Format	Color
R_{YB}	255, 242, 241
Decimal	16773873
CIE Lab	96.44, 4.23, 2.01
CIE LCh	96, 4.680, 25.411
Yxy	91.0755, 0.3219, 0.3299
Android (android.graphics.Color)	4294963953 (0xFFFFF2F1)
YUV	245.7730, -2.3531, 8.0921
Hunter-Lab	95.4335, -0.8233, 7.0897

Details

The RYB color **255, 242, 241** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **241, 248, 255**, and the grayscale version is **246, 246, 246**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 186, 185** is the 20% darker color. If you saturate the color by 10%, you get **255, 218, 216**, and if you desaturate by 10%, it is **255, 255, 255**.

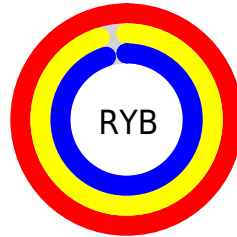
Distribution



Red (100%)

Green (95%)

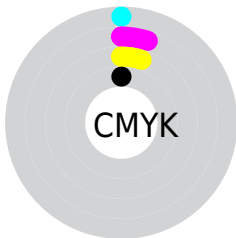
Blue (95%)



Red (100%)

Yellow (95%)

Blue (95%)

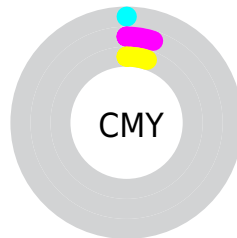


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 242, 241 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, 242, 241 by changing the saturation by 10% instead.


 255, 242, 241

255, 255, 255

 255, 242, 241

 226, 214, 213

 198, 186, 185


 171, 159, 158

 144, 133, 132

 119, 108, 107

 94, 83, 83

 70, 60, 60

 48, 39, 38

 27, 18, 17

255, 242, 241

255, 242, 241

255, 218, 216

255, 255, 255

255, 194, 190

255, 172, 164

255, 148, 139

255, 124, 114

255, 100, 88

255, 76, 62

255, 53, 37

255, 29, 11

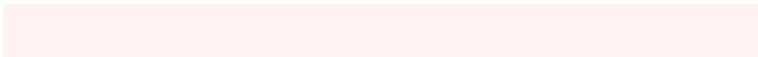
Harmonies

Analogous

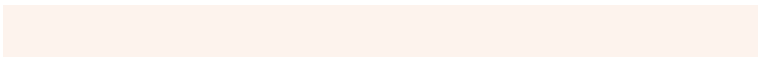
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



254, 242, 246



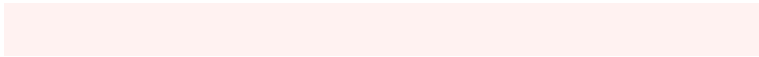
255, 242, 241



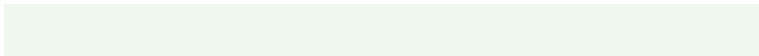
253, 247, 237

Triad

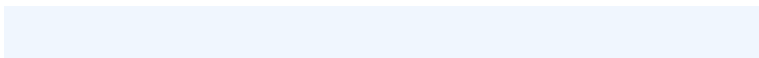
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 242, 241



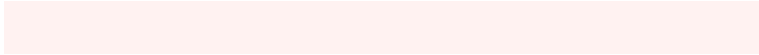
239, 247, 247



240, 244, 254

Complementary

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



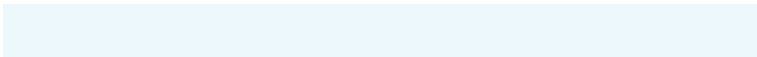
255, 242, 241



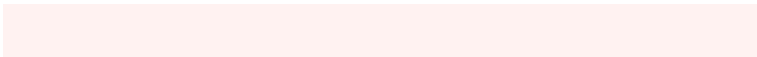
241, 248, 255

Split Complementary

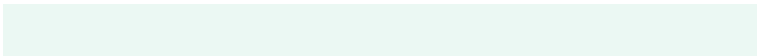
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236, 243, 252



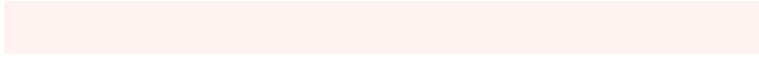
255, 242, 241



235, 243, 248

Square

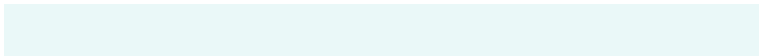
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 242, 241



237, 246, 239



234, 241, 248



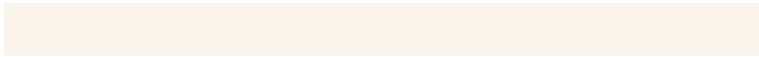
245, 244, 253

Rectangle

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



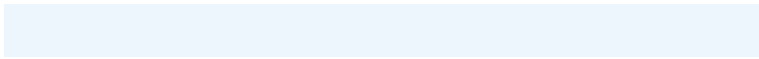
255, 242, 241



249, 251, 236



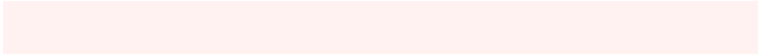
234, 241, 248



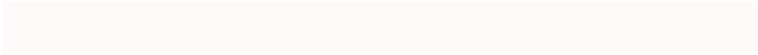
238, 243, 253

Sweetspot

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



255, 242, 241



255, 250, 250



255, 241, 254



128, 125, 125



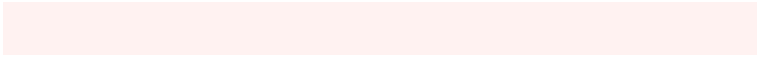
0, 0, 0



128, 128, 128

Same Dimension

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



255, 242, 241



255, 238, 237



252, 255, 241



128, 118, 117



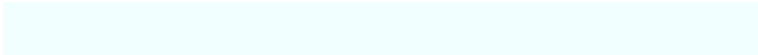
191, 14, 0



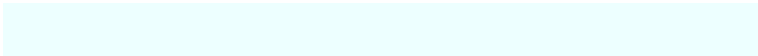
64, 4, 0

Inverse Universe

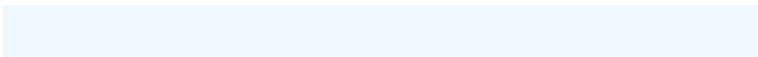
The Inverse Universe completely reimagines the original color for something new.



241, 248, 255



237, 246, 255



241, 245, 255



117, 122, 128



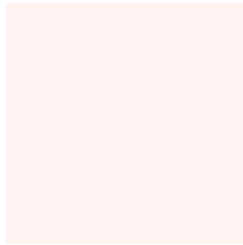
0, 92, 191



0, 31, 64

Previews

White Background



This preview shows how the RYB color 255, 242, 241 looks on a white background.

Color Contrast Check

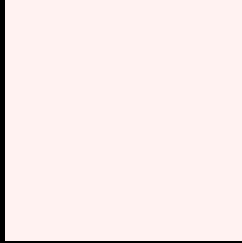
Large Text (above 18pt) WCAG AA × Fail

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, 242, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

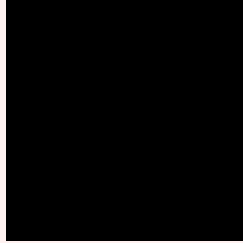
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

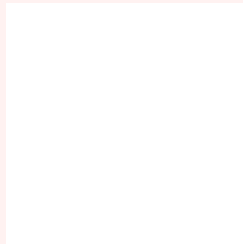
Any Text WCAG AAA ✓ Pass

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

RYB 255, 242, 241 Background



This preview shows how black text looks on a background with the RYB color 255, 242, 241.

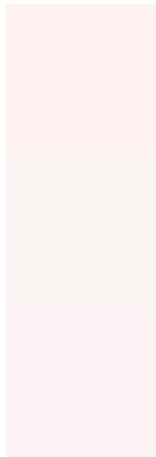


This preview shows how white text looks on a background with the RYB color 255, 242, 241.

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, 242, 241

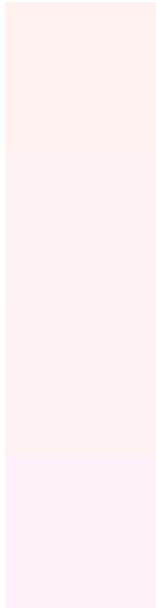
Protanopia
250, 245, 242

Deuteranopia
255, 242, 244



Tritanopia
255, 241, 255

Trichromacy



Original Color

255, 242, 241

Protanomaly

252, 243, 242

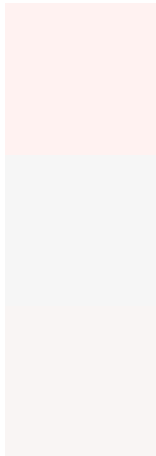
Deuteranomaly

255, 242, 243

Tritanomaly

255, 241, 250

Monochromacy



Original Color

255, 242, 241

Achromatopsia

246, 246, 246

Achromatomaly

249, 245, 244

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 242, 241 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, 242, 241) looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 241)  
}
```

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, 242, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 241) }
```

Border

The CSS property to change the border of an element to RYB 255, 242, 241 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, 242, 241) }
```

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

```
.border{ border-color:rgb(255, 242, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 255, 242, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 241) }
```

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

```
.background{ background-color: rgb(255,  
242, 241) }
```

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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