

Converting Colors

`RYB(242, 237, 239)`

Have a look what the booklet for RYB(242, 237, 239) contains.

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Color

RYB(242, 237, 239)

Conversions

Conversions Part 1

Format	Color
Hex	F2EDEF
RGB	242, 237, 239
RGB Percent	95%, 93%, 94%
CMY	0.0510, 0.0706, 0.0627
CMYK	0.00, 0.02, 0.01, 0.05
HSL	336°, 16%, 94%
HSV	336°, 2%, 95%
XYZ	82.4821, 85.6776, 93.8515
YIQ	238.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

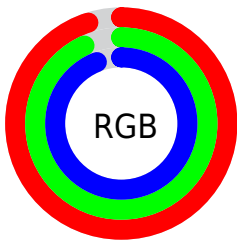
Format	Color
R _Y B	242, 237, 239
Decimal	15920623
CIE Lab	94.17, 2.03, -0.38
CIE LCh	94, 2.064, 349.351
Yxy	85.6776, 0.3148, 0.3270
Android (android.graphics.Color)	4294110703 (0xFFFF2EDEF)
YUV	238.7230, 0.1366, 2.8739
Hunter-Lab	92.5622, -2.9226, 4.6777

Details

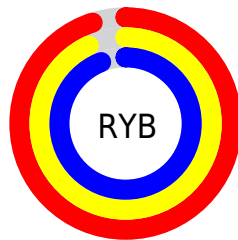
The RYB color **242, 237, 239** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **237, 240, 242**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is 255, 255, 255, and **186, 181, 183** is the 20% darker color. If you saturate the color by 10%, you get **242, 213, 224**, and if you desaturate by 10%, it is 242, 249, 255.

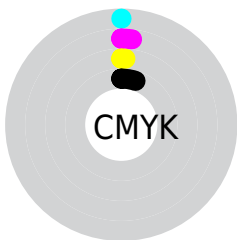
Distribution



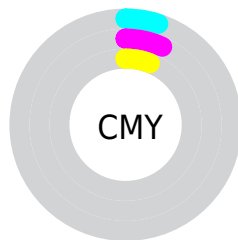
- Red (95%)
- Green (93%)
- Blue (94%)



- Red (95%)
- Yellow (93%)
- Blue (94%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 237, 239 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, 237, 239 by changing the saturation by 10% instead.

■ 242, 237, 239

255, 255, 255

■ 242, 237, 239

■ 214, 209, 211

■ 186, 181, 183

■ 159, 154, 156

■ 133, 128, 130

■ 108, 103, 105

■ 83, 79, 81

■ 60, 56, 58

■ 39, 35, 37


■ 18, 13, 15

 242, 237, 239


 242, 237, 239


 242, 213, 224


 242, 249, 255

 242, 189, 210

 242, 249, 255

 242, 164, 195

 242, 140, 181

 242, 116, 166

 242, 92, 152

 242, 68, 137

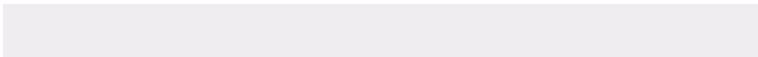
 242, 43, 123

 242, 19, 108

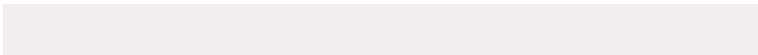
Harmonies

Analogous

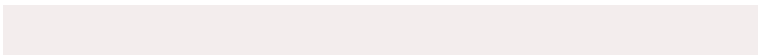
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 237, 241



242, 237, 239



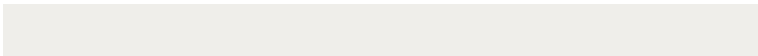
243, 237, 237

Triad

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



242, 237, 239



235, 239, 234



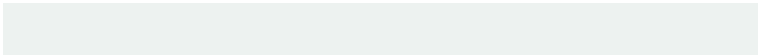
234, 237, 241

Complementary

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



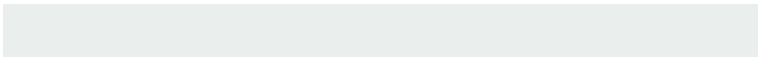
242, 237, 239



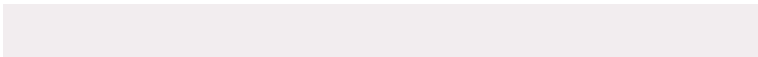
237, 240, 242

Split Complementary

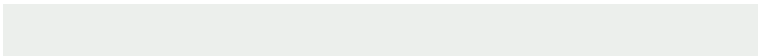
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234, 237, 239



242, 237, 239



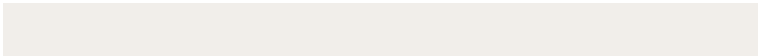
236, 239, 239

Square

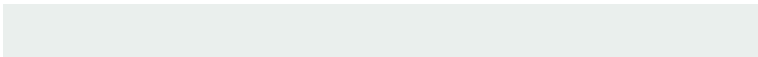
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 237, 239



239, 241, 234



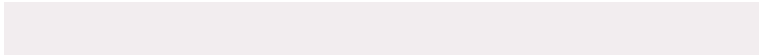
234, 237, 239



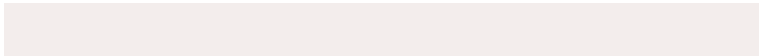
236, 238, 242

Rectangle

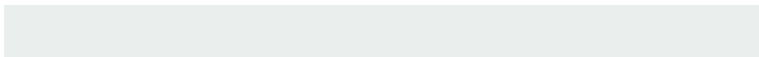
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



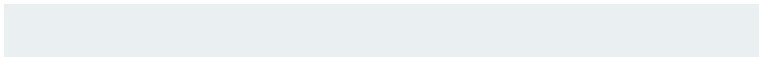
242, 237, 239



243, 237, 236



234, 237, 239



234, 237, 241

Sweetspot

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



242, 237, 239



255, 252, 253



240, 237, 242



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

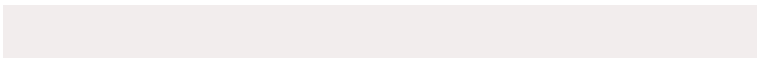
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 237, 239



255, 250, 252



242, 237, 237



120, 117, 118



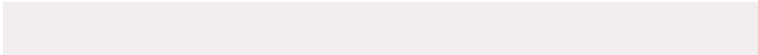
184, 0, 73



56, 0, 22

Inverse Universe

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



242, 237, 239



255, 250, 252



237, 239, 242



120, 117, 118



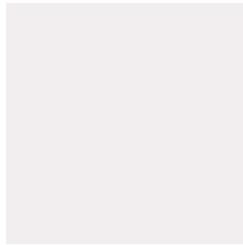
184, 0, 73



56, 0, 22

Previews

White Background



This preview shows how the RYB color 242, 237, 239 looks on a white background.

Color Contrast Check

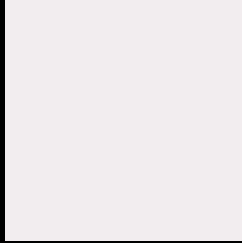
Large Text (above 18pt) WCAG AA × Fail

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, 237, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

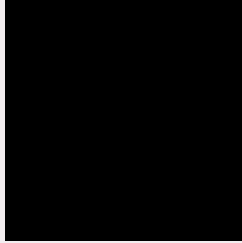
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

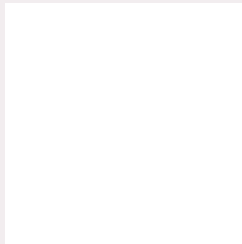
Any Text WCAG AAA ✓ Pass

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

RYB 242, 237, 239 Background



This preview shows how black text looks on a background with the RYB color 242, 237, 239.

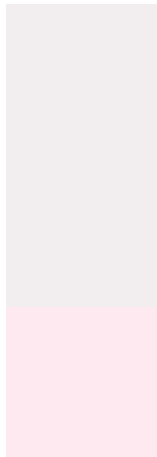


This preview shows how white text looks on a background with the RYB color 242, 237, 239.

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, 237, 239

Protanopia
242, 237, 239

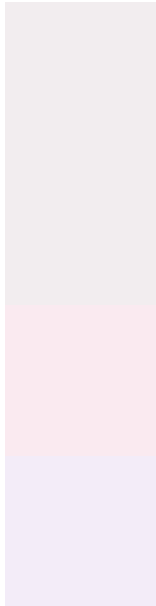
Deuteranopia
255, 233, 240



Tritanopia

244, 235, 253

Trichromacy



Original Color

242, 237, 239

Protanomaly

242, 237, 239

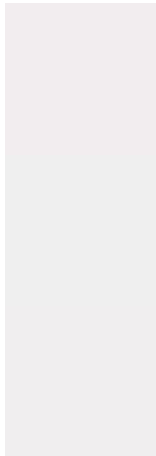
Deuteranomaly

250, 234, 240

Tritanomaly

243, 236, 248

Monochromacy



Original Color

242, 237, 239

Achromatopsia

239, 239, 239

Achromatomaly

240, 238, 239

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 237, 239 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(242, 237, 239) looks like.

```
.text, #text, p{  
    color:rgb(242, 237, 239)  
}
```

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(242, 237, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 237, 239) }
```

Border

The CSS property to change the border of an element to RYB 242, 237, 239 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(242, 237, 239) }
```

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

```
.border{ border-color:rgb(242, 237, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 237, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 237, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 237, 239);  
box-shadow:4px 4px 4px 4px rgb(242, 237,  
239) }
```

Background

The CSS property to change the background color of an element to RYB 242, 237, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 237, 239) }
```

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

```
.background{ background-color: rgb(242,  
237, 239) }
```

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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