

Converting Colors

`RYB(241, 229, 239)`

Have a look what the booklet for RYB(241, 229, 239) contains.

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Color

R_YB(241, 229, 239)

Conversions

Conversions Part 1

Format	Color
Hex	F1E5EF
RGB	241, 229, 239
RGB Percent	95%, 90%, 94%
CMY	0.0549, 0.1020, 0.0627
CMYK	0.00, 0.05, 0.01, 0.05
HSL	310°, 30%, 92%
HSV	310°, 5%, 95%
XYZ	79.8749, 80.9714, 93.0805
YIQ	233.7280, 3.9420, 5.6540

Conversions

Conversions Part 2

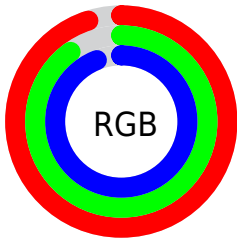
Format	Color
R _Y B	241, 229, 239
Decimal	15853039
CIE Lab	92.12, 5.81, -3.40
CIE LCh	92, 6.732, 329.641
Yxy	80.9714, 0.3146, 0.3189
Android (android.graphics.Color)	4294043119 (0xFF1E5EF)
YUV	233.7280, 2.5991, 6.3775
Hunter-Lab	89.9841, 0.9744, 1.6587

Details

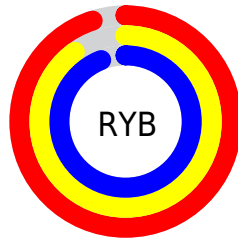
The RYB color **241, 229, 239** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **229, 239, 241**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 255**, and **185, 174, 183** is the 20% darker color. If you saturate the color by 10%, you get **241, 205, 235**, and if you desaturate by 10%, it is **241, 251, 253**.

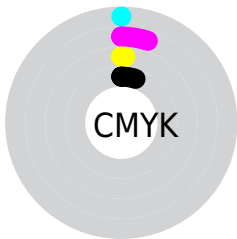
Distribution



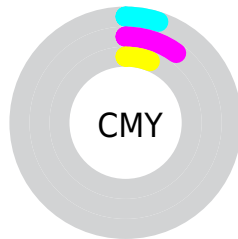
- Red (95%)
- Green (90%)
- Blue (94%)



- Red (95%)
- Yellow (90%)
- Blue (94%)



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



- Cyan (5%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 241, 229, 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 241, 229, 239 by changing the saturation by 10% instead.

■ 241, 229, 239

255, 255, 255

■ 241, 229, 239

■ 213, 201, 211

■ 185, 174, 183

■ 158, 147, 156

■ 132, 121, 130

■ 107, 96, 105

■ 82, 73, 81

■ 59, 50, 58


■ 38, 29, 36


■ 17, 4, 15

 241, 229, 239


 241, 229, 239

 241, 205, 235


 241, 251, 253

 241, 181, 231


 241, 251, 255


 241, 157, 227


 241, 249, 255


 241, 133, 223


 241, 248, 255

 241, 109, 219

 241, 84, 215

 241, 60, 211

 241, 36, 207

 241, 12, 203

Harmonies

Analogous

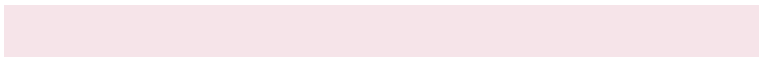
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234, 231, 244



241, 229, 239



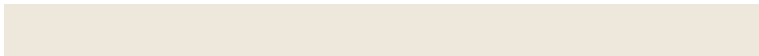
246, 228, 233

Triad

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



241, 229, 239



229, 238, 220



217, 227, 238

Complementary

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



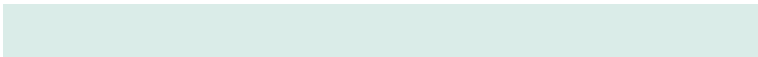
241, 229, 239



229, 239, 241

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.



218, 228, 236



241, 229, 239



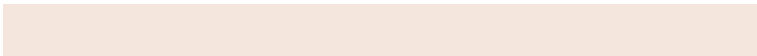
221, 234, 224

Square

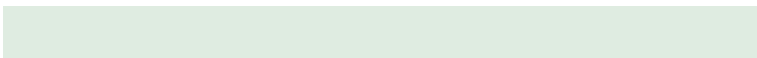
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241, 229, 239



244, 236, 221



223, 234, 236



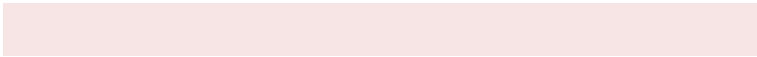
220, 229, 243

Rectangle

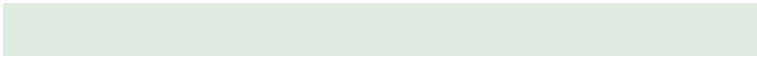
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241, 229, 239



247, 228, 228



223, 234, 236



217, 227, 236

Sweetspot

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



241, 229, 239



255, 252, 255



231, 229, 241



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

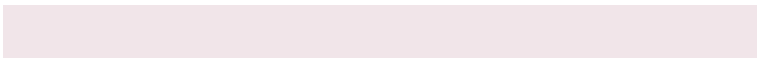
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241, 229, 239



255, 240, 252



241, 229, 233



120, 111, 118



184, 0, 153



56, 0, 47

Inverse Universe

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



241, 229, 239



255, 240, 252



229, 236, 241



120, 111, 118



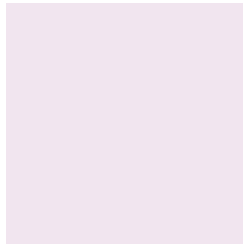
184, 0, 153



56, 0, 47

Previews

White Background



This preview shows how the RYB color 241, 229, 239 looks on a white background.

Color Contrast Check

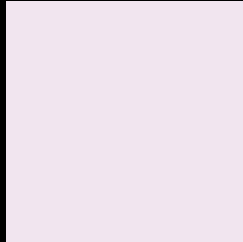
Large Text (above 18pt) WCAG AA × Fail

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 241, 229, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

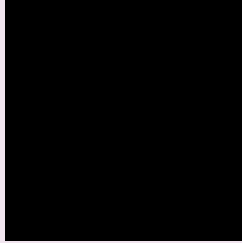
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

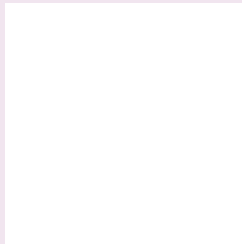
Any Text WCAG AAA ✓ Pass

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

RYB 241, 229, 239 Background



This preview shows how black text looks on a background with the RYB color 241, 229, 239.

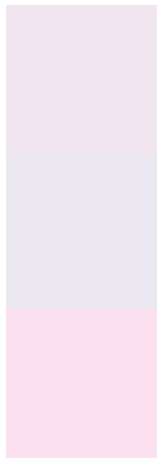


This preview shows how white text looks on a background with the RYB color 241, 229, 239.

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
241, 229, 239

Protanopia
234, 231, 240

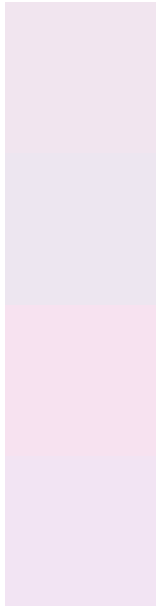
Deuteranopia
251, 225, 240



Tritanopia

242, 228, 246

Trichromacy



Original Color

241, 229, 239

Protanomaly

237, 230, 240

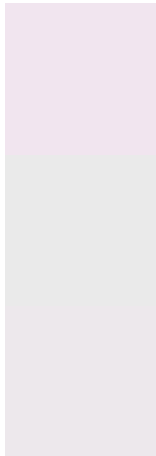
Deuteranomaly

247, 226, 240

Tritanomaly

242, 228, 243

Monochromacy



Original Color

241, 229, 239

Achromatopsia

234, 234, 234

Achromatomaly

237, 232, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 229, 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(241, 229, 239) looks like.

```
.text, #text, p{  
    color:rgb(241, 229, 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(241, 229, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 229, 239) }
```

Border

The CSS property to change the border of an element to RYB 241, 229, 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(241, 229, 239) }
```

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

```
.border{ border-color:rgb(241, 229, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 229, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 229, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 229, 239); box-shadow:4px 4px 4px 4px rgb(241, 229, 239) }
```

Background

The CSS property to change the background color of an element to RYB 241, 229, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 229, 239) }
```

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

```
.background{ background-color: rgb(241,  
229, 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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