

Converting Colors

`RYB(231, 239, 231)`

Have a look what the booklet for RYB(231, 239, 231) contains.

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Color

R_YB(231, 239, 231)

Conversions

Conversions Part 1

Format	Color
Hex	EFEFE7
RGB	239, 239, 231
RGB Percent	94%, 94%, 91%
CMY	0.0627, 0.0627, 0.0941
CMYK	0.00, 0.00, 0.03, 0.06
HSL	60°, 20%, 92%
HSV	60°, 3%, 94%
XYZ	80.8869, 85.8532, 87.9094
YIQ	238.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

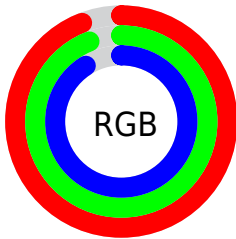
Format	Color
R _Y B	231, 239, 231
Decimal	15724519
CIE Lab	94.25, -1.39, 3.85
CIE LCh	94, 4.096, 109.839
Yxy	85.8532, 0.3176, 0.3371
Android (android.graphics.Color)	4293914599 (0xFFEFEFE7)
YUV	238.0880, -3.4944, 0.7998
Hunter-Lab	92.6570, -6.3245, 8.6078

Details

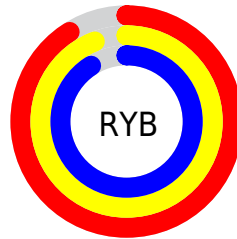
The RYB color **231, 239, 231** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **231, 231, 239**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is 255, 255, 255, and **175, 183, 175** is the 20% darker color. If you saturate the color by 10%, you get **207, 239, 207**, and if you desaturate by 10%, it is **239, 239, 255**.

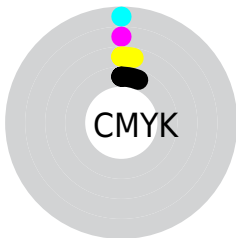
Distribution



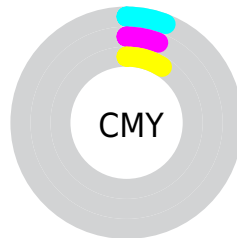
- Red (94%)
- Green (94%)
- Blue (91%)



- Red (91%)
- Yellow (94%)
- Blue (91%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (6%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 231, 239, 231 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 231, 239, 231 by changing the saturation by 10% instead.

■ 231, 239, 231

255, 255, 255

■ 231, 239, 231

■ 203, 211, 203

■ 175, 183, 175

■ 149, 156, 149

■ 123, 130, 123

■ 98, 105, 98

■ 74, 81, 74

■ 52, 58, 52

■ 31, 37, 32

■ 6, 15, 6

231, 239, 231

231, 239, 231

207, 239, 207

239, 239, 255

183, 239, 183

159, 239, 159

135, 239, 135

111, 239, 111

88, 239, 88

64, 239, 64

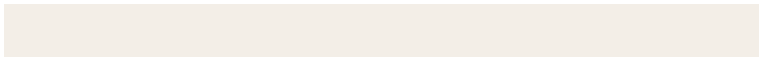
40, 239, 40

16, 239, 16

Harmonies

Analogous

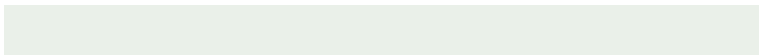
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 243, 231



231, 239, 231



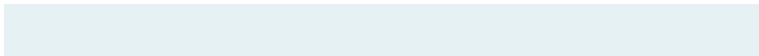
233, 240, 239

Triad

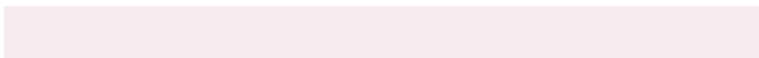
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231, 239, 231



230, 236, 244



246, 236, 240

Complementary

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



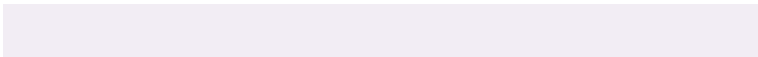
231, 239, 231



231, 231, 239

Split Complementary

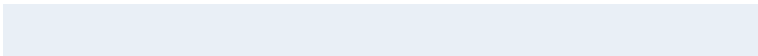
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242, 237, 244



231, 239, 231



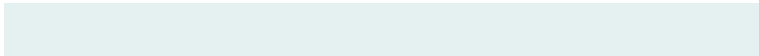
233, 237, 246

Square

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



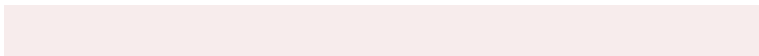
231, 239, 231



229, 235, 241



238, 238, 246



247, 236, 236

Rectangle

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



231, 239, 231



232, 238, 241



238, 238, 246



245, 236, 241

Sweetspot

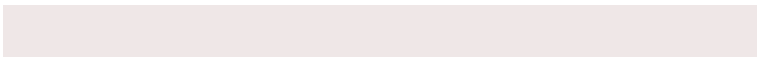
The Sweet Spot groups the original color and five complimentary colors.



231, 239, 231



252, 255, 252



239, 231, 231



126, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



231, 239, 231



245, 255, 245



231, 239, 235



114, 120, 114



0, 184, 0



0, 56, 0

Inverse Universe

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



231, 231, 239



245, 245, 255



235, 231, 239



114, 114, 120



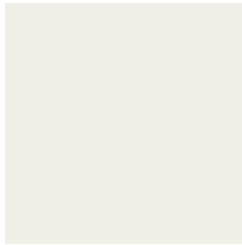
0, 0, 184



0, 0, 56

Previews

White Background



This preview shows how the RYB color 231, 239, 231 looks on a white background.

Color Contrast Check

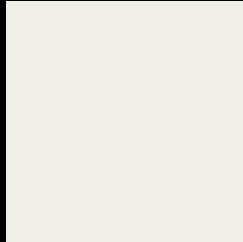
Large Text (above 18pt) WCAG AA × Fail

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 231, 239, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

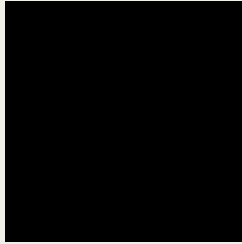
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

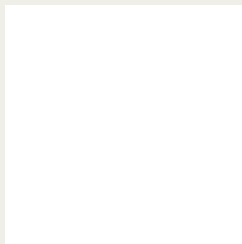
Any Text WCAG AAA ✓ Pass

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

RYB 231, 239, 231 Background



This preview shows how black text looks on a background with the RYB color 231, 239, 231.

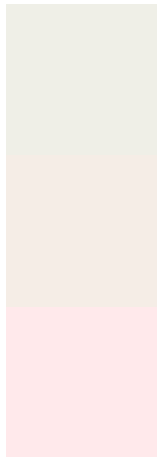


This preview shows how white text looks on a background with the RYB color 231, 239, 231.

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
231, 239, 231

Protanopia
245, 243, 230

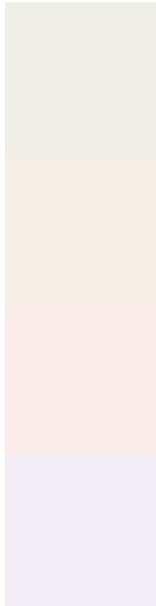
Deuteranopia
255, 233, 235



Tritanopia

242, 235, 254

Trichromacy



Original Color

231, 239, 231

Protanomaly

238, 243, 230

Deuteranomaly

249, 235, 234

Tritanomaly

241, 236, 246

Monochromacy



Original Color

231, 239, 231

Achromatopsia

238, 238, 238

Achromatomaly

235, 238, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 231, 239, 231 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(239, 239, 231) looks like.

```
.text, #text, p{  
    color:rgb(239, 239, 231)  
}
```

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(239, 239, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 239, 231) }
```

Border

The CSS property to change the border of an element to RYB 231, 239, 231 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(239, 239, 231) }
```

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

```
.border{ border-color:rgb(239, 239, 231) }
```

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

Here you see how a box with a 4 pixel rgb(239, 239, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 239, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 239, 231);  
box-shadow:4px 4px 4px 4px rgb(239, 239,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 231, 239, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 239, 231) }
```

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

```
.background{ background-color: rgb(239,  
239, 231) }
```

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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