

Converting Colors

`RYB(239, 241, 204)`

Have a look what the booklet for
RYB(239, 241, 204) contains.

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Color

R_YB(239, 241, 204)

Conversions

Conversions Part 1

Format	Color
Hex	F1DFCC
RGB	241, 223, 204
RGB Percent	95%, 87%, 80%
CMY	0.0549, 0.1254, 0.2000
CMYK	0.00, 0.07, 0.15, 0.05
HSL	31°, 57%, 87%
HSV	31°, 15%, 95%
XYZ	73.5661, 75.8432, 67.8886
YIQ	226.2160, 16.8270, -2.0930

Conversions

Conversions Part 2

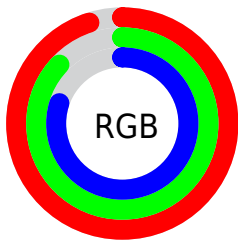
Format	Color
R _Y B	239, 241, 204
Decimal	15851468
CIE Lab	89.79, 3.10, 11.53
CIE LCh	90, 11.939, 74.959
Yxy	75.8432, 0.3385, 0.3490
Android (android.graphics.Color)	4294041548 (0xFFFF1DFCC)
YUV	226.2160, -10.9525, 12.9656
Hunter-Lab	87.0880, -1.6191, 14.7427

Details

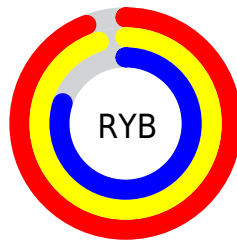
The RYB color **239, 241, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **204, 216, 241**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is 255, 255, 255, and **183, 185, 150** is the 20% darker color. If you saturate the color by 10%, you get **239, 241, 180**, and if you desaturate by 10%, it is **239, 241, 228**.

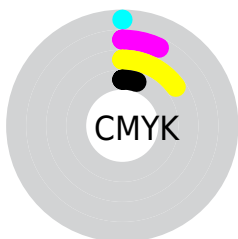
Distribution



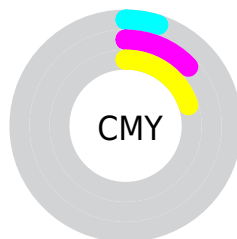
- Red (95%)
- Green (87%)
- Blue (80%)



- Red (94%)
- Yellow (95%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 239, 241, 204 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 239, 241, 204 by changing the saturation by 10% instead.

■ 239, 241, 204

255, 255, 255

■ 239, 241, 204

■ 213, 213, 177

■ 183, 185, 150

■ 154, 158, 124

■ 127, 131, 99

■ 104, 106, 75

■ 76, 81, 52

■ 53, 58, 31

■ 26, 36, 8

■ 6, 0, 0

 239, 241, 204

 239, 241, 204

 239, 241, 180

 239, 241, 228

 235, 241, 156

 241, 244, 252

 235, 241, 132

 241, 248, 255

 235, 241, 108

 235, 241, 84

 229, 241, 59

 229, 241, 35

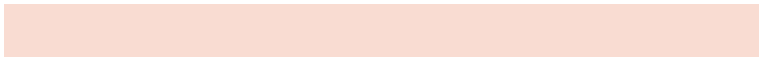
 229, 241, 11

 227, 241, 0

Harmonies

Analogous

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



249, 223, 210



239, 241, 204



206, 229, 204

Triad

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



239, 241, 204



198, 216, 233



235, 221, 242

Complementary

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



239, 241, 204



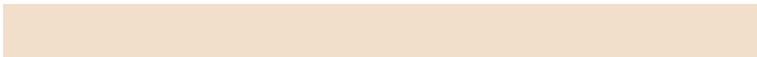
204, 216, 241

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.



221, 224, 248



239, 241, 204



199, 217, 241

Square

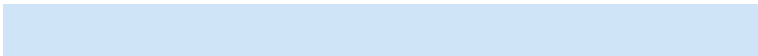
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239, 241, 204



204, 222, 232



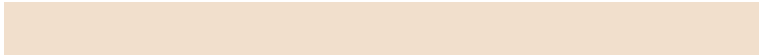
208, 221, 247



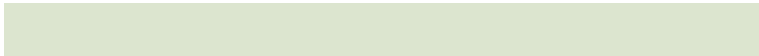
246, 219, 232

Rectangle

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



239, 241, 204



207, 229, 216



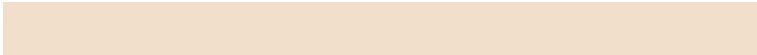
208, 221, 247



231, 222, 244

Sweetspot

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



239, 241, 204



253, 255, 242



241, 204, 222



128, 128, 120



0, 0, 0



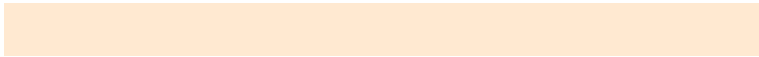
128, 128, 128

Same Dimension

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



239, 241, 204



251, 255, 209



204, 241, 204



120, 120, 108



176, 184, 0



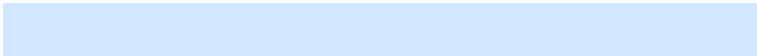
52, 56, 0

Inverse Universe

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



204, 216, 241



209, 224, 255



204, 204, 241



108, 112, 120



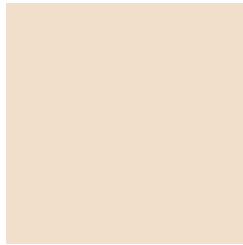
0, 60, 184



0, 18, 56

Previews

White Background



This preview shows how the RYB color 239, 241, 204 looks on a white background.

Color Contrast Check

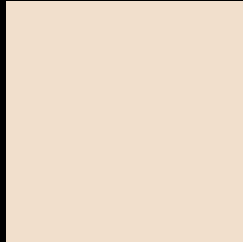
Large Text (above 18pt) WCAG AA × Fail

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 239, 241, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

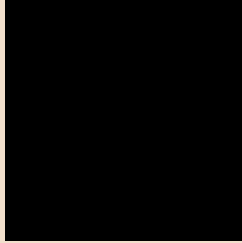
Any Text WCAG AA ✓ Pass

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 239, 241, 204 Background



This preview shows how black text looks on a background with the RYB color 239, 241, 204.

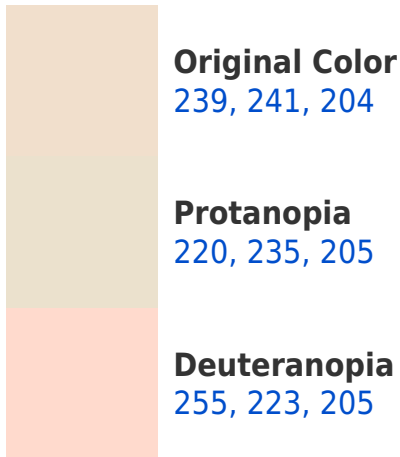



This preview shows how white text looks on a background with the RYB color 239, 241, 204.

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](#).

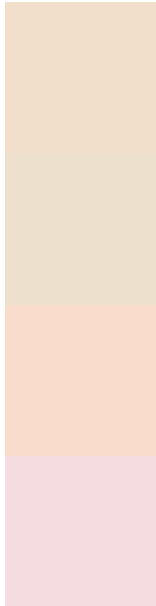
Dichromacy





Tritanopia
245, 218, 235

Trichromacy



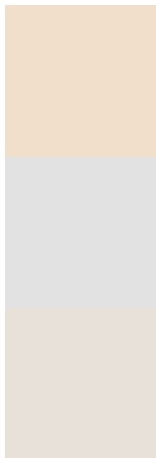
Original Color
239, 241, 204

Protanomaly
227, 237, 205

Deuteranomaly
250, 228, 205

Tritanomaly
244, 220, 224

Monochromacy



Original Color
239, 241, 204

Achromatopsia
226, 226, 226

Achromatomaly
229, 231, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 239, 241, 204 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, 223, 204) looks like.

```
.text, #text, p{  
    color:rgb(241, 223, 204)  
}
```

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, 223, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 223, 204) }
```

Border

The CSS property to change the border of an element to RYB 239, 241, 204 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, 223, 204) }
```

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

```
.border{ border-color:rgb(241, 223, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 223, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 223, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 223, 204);  
box-shadow:4px 4px 4px 4px rgb(241, 223,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 239, 241, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 223, 204) }
```

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

```
.background{ background-color: rgb(241,  
223, 204) }
```

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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