

Converting Colors

RGB(241, 245, 155)

Have a look what the booklet for
RGB(241, 245, 155) contains.

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Color

RGB(241, 245, 155)

Conversions

Conversions Part 1

Format	Color
Hex	F1F59B
RGB	241, 245, 155
RGB Percent	95%, 96%, 61%
CMY	0.0549, 0.0392, 0.3922
CMYK	0.02, 0.00, 0.37, 0.04
HSL	63°, 82%, 78%
HSV	63°, 37%, 96%
XYZ	74.8444, 86.3721, 43.7371
YIQ	233.5440, 26.5060, -28.8380

Conversions

Conversions Part 2

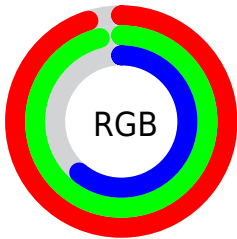
Format	Color
RYB	155, 245, 159
Decimal	15857051
CIELab	94.47, -14.45, 42.90
CIELCh	94, 45.268, 108.616
Yxy	86.3721, 0.3652, 0.4214
Android (android.graphics.Color)	4294047131 (0xFFFF1F59B)
YUV	233.5440, -38.7222, 6.5389
Hunter-Lab	92.9366, -18.8881, 37.1530

Details

The RGB color **241, 245, 155** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **159, 155, 245**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 210**, and **184, 189, 102** is the 20% darker color. If you saturate the color by 10%, you get **240, 245, 131**, and if you desaturate by 10%, it is **242, 245, 179**.

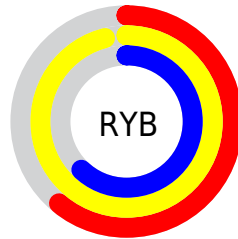
Distribution



Red (95%)

Green (96%)

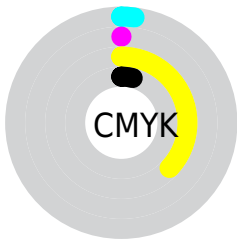
Blue (61%)



Red (61%)

Yellow (96%)

Blue (62%)

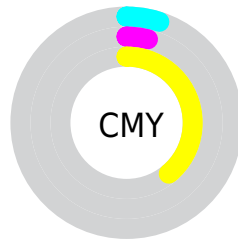


Cyan (2%)

Magenta (0%)

Yellow (37%)

Black (4%)



Cyan (5%)


Magenta (4%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 241, 245, 155 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 RGB color 241, 245, 155 by changing the saturation by 10% instead.

 241, 245, 155

255, 255, 255

 255, 255, 210

 255, 255, 239

 241, 245, 155

 212, 217, 128

 184, 189, 102

 156, 162, 77

 129, 136, 52

 103, 110, 27

 77, 86, 0

 53, 63, 0

 28, 41, 0

 0, 22, 0

 241, 245, 155

 241, 245, 155

 240, 245, 131

 242, 245, 179

 239, 245, 106

 243, 245, 204

 238, 245, 82

 244, 245, 228

 237, 245, 57

 245, 245, 253

 236, 245, 32

 246, 245, 255

 234, 245, 8

 248, 245, 255

 234, 245, 0

 249, 245, 255

 250, 245, 255

 251, 245, 255

Harmonies

Analogous

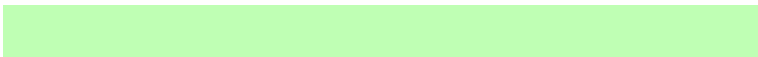
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 231, 153



241, 245, 155



191, 255, 180

Triad

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



241, 245, 155



87, 255, 255



255, 207, 255

Complementary

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



241, 245, 155



159, 155, 245

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.



255, 218, 255



241, 245, 155



150, 248, 255

Square

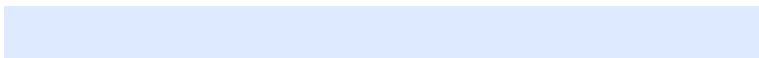
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241, 245, 155



86, 255, 255



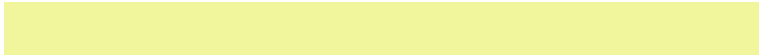
221, 234, 255



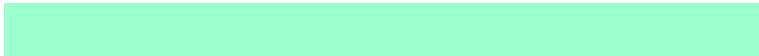
255, 207, 213

Rectangle

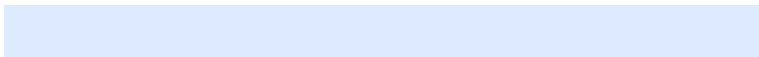
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241, 245, 155



155, 255, 206



221, 234, 255



255, 210, 255

Sweetspot

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



241, 245, 155



254, 255, 227



245, 158, 155



127, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

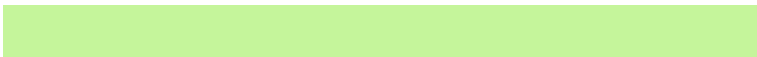
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241, 245, 155



250, 255, 143



197, 245, 155



122, 122, 110



178, 186, 0



56, 59, 0

Inverse Universe

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



159, 155, 245



148, 143, 255



203, 155, 245



111, 110, 122



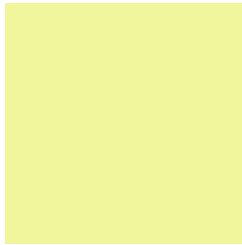
8, 0, 186



3, 0, 59

Previews

White Background



This preview shows how the RGB color 241, 245, 155 looks on a white background.

Color Contrast Check

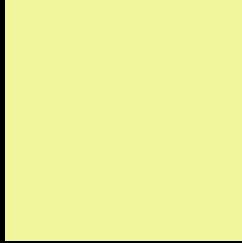
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 241, 245, 155 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](#).

RGB 241, 245, 155 Background



This preview shows how black text looks on a background with the RGB color 241, 245, 155.

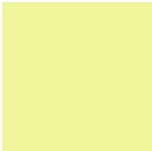
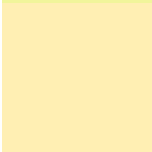
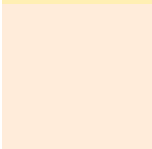


This preview shows how white text looks on a background with the RGB color 241, 245, 155.

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, 245, 155
	Protanopia 255, 239, 179
	Deuteranopia 255, 236, 218



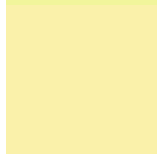
Tritanopia
252, 233, 252

Trichromacy



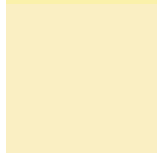
Original Color

241, 245, 155



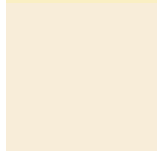
Protanomaly

250, 241, 170



Deuteranomaly

250, 239, 195



Tritanomaly

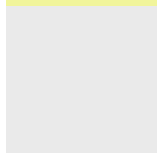
248, 237, 217

Monochromacy



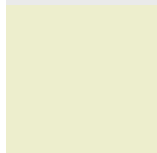
Original Color

241, 245, 155



Achromatopsia

234, 234, 234



Achromatomaly

237, 238, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 241, 245, 155 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, 245, 155)` looks like.

```
.text, #text, p{  
    color:rgb(241, 245, 155)  
}
```

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, 245, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 245, 155) }
```

Border

The CSS property to change the border of an element to RGB 241, 245, 155 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, 245, 155) }
```

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

```
.border{ border-color:rgb(241, 245, 155) }
```

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

Here you see how a box with a 4 pixel rgb(241, 245, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 245, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 245, 155);  
box-shadow:4px 4px 4px 4px rgb(241, 245,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 241, 245, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 245, 155) }
```

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

```
.background{ background-color: rgb(241,  
245, 155) }
```

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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