

Converting Colors

`RYB(235, 243, 143)`

Have a look what the booklet for
RYB(235, 243, 143) contains.

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Color

R_YB(235, 243, 143)

Conversions

Conversions Part 1

Format	Color
Hex	F3C38F
RGB	243, 195, 143
RGB Percent	95%, 76%, 56%
CMY	0.0471, 0.2350, 0.4392
CMYK	0.00, 0.20, 0.41, 0.05
HSL	31°, 81%, 76%
HSV	31°, 41%, 95%
XYZ	61.4539, 60.1054, 34.3491
YIQ	203.4240, 45.3000, -5.9960

Conversions

Conversions Part 2

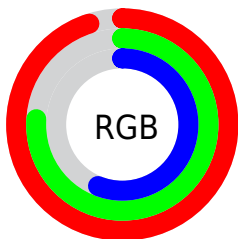
Format	Color
R _Y B	235, 243, 143
Decimal	15975311
CIE Lab	81.90, 10.39, 32.64
CIE LCh	82, 34.250, 72.338
Yxy	60.1054, 0.3942, 0.3855
Android (android.graphics.Color)	4294165391 (0xFFFF3C38F)
YUV	203.4240, -29.7890, 34.7082
Hunter-Lab	77.5277, 5.8181, 28.0006

Details

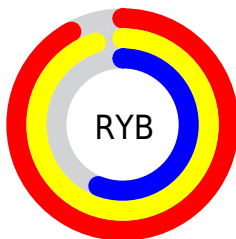
The RYB color **235, 243, 143** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **143, 175, 243**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **200, 255, 197**, and **176, 185, 92** is the 20% darker color. If you saturate the color by 10%, you get **235, 243, 119**, and if you desaturate by 10%, it is **235, 243, 167**.

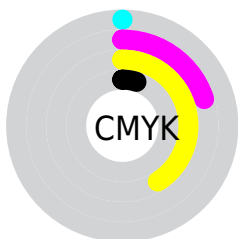
Distribution



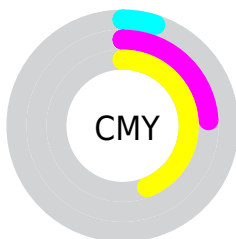
- Red (95%)
- Green (76%)
- Blue (56%)



- Red (92%)
- Yellow (95%)
- Blue (56%)



- Cyan (0%)
- Magenta (20%)
- Yellow (41%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 243, 143 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 235, 243, 143 by changing the saturation by 10% instead.

 235, 243, 143

 235, 243, 143


255, 255, 255

 204, 214, 117


 200, 255, 197


 176, 185, 92

 225, 255, 225

 144, 157, 68

254, 255, 254

 113, 129, 44

 84, 103, 22

 52, 77, 0

 51, 49, 0

 28, 0, 0

 0, 0, 0

■ 235, 243, 143

■ 235, 243, 143

■ 235, 243, 119

■ 235, 243, 167

■ 230, 243, 94

■ 241, 243, 192

■ 230, 243, 70

■ 241, 243, 216

■ 226, 243, 46

■ 242, 243, 240

■ 226, 243, 22

■ 243, 248, 255

■ 222, 243, 0

■ 243, 249, 255

Harmonies

Analogous

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



255, 193, 162



235, 243, 143



148, 213, 140

Triad

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



235, 243, 143



108, 166, 221



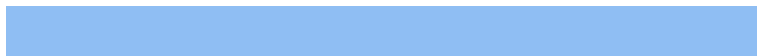
225, 191, 251

Complementary

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



235, 243, 143



143, 175, 243

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.



181, 197, 255



235, 243, 143



103, 167, 246

Square

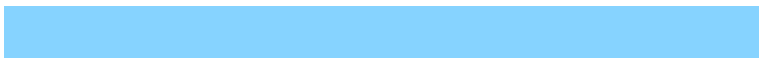
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235, 243, 143



140, 192, 220



134, 181, 255



255, 182, 224

Rectangle

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



235, 243, 143



149, 212, 172



134, 181, 255



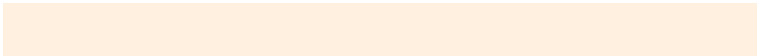
211, 194, 255

Sweetspot

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



235, 243, 143



253, 255, 224



243, 143, 191



128, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



235, 243, 143



245, 255, 130



143, 243, 145



119, 122, 110



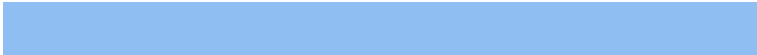
171, 186, 0



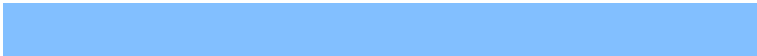
53, 59, 0

Inverse Universe

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



143, 175, 243



130, 171, 255



145, 143, 243



110, 114, 122



0, 60, 186



0, 19, 59

Previews

White Background



This preview shows how the RYB color 235, 243, 143 looks on a white background.

Color Contrast Check

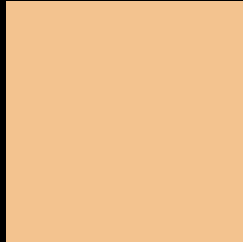
Large Text (above 18pt) WCAG AA × Fail

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 235, 243, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

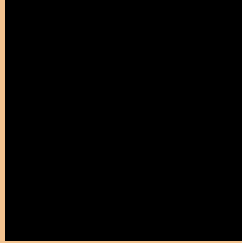
Any Text WCAG AA ✓ Pass

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 235, 243, 143 Background



This preview shows how black text looks on a background with the RYB color 235, 243, 143.



This preview shows how white text looks on a background with the RYB color 235, 243, 143.

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
235, 243, 143

Protanopia
166, 219, 147

Deuteranopia
235, 243, 143



Tritanopia
249, 187, 202

Trichromacy



Original Color

235, 243, 143

Protanomaly

186, 228, 146

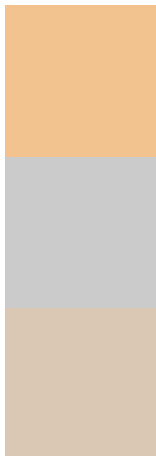
Deuteranomaly

235, 243, 143

Tritanomaly

247, 191, 181

Monochromacy



Original Color

235, 243, 143

Achromatopsia

203, 203, 203

Achromatomaly

216, 218, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 243, 143 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(243, 195, 143)` looks like.

```
.text, #text, p{  
    color:rgb(243, 195, 143)  
}
```

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(243, 195, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 195, 143) }
```

Border

The CSS property to change the border of an element to RYB 235, 243, 143 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(243, 195, 143) }
```

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

```
.border{ border-color:rgb(243, 195, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 195, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 195, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 195, 143);  
box-shadow:4px 4px 4px 4px rgb(243, 195,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 235, 243, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 195, 143) }
```

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

```
.background{ background-color: rgb(243,  
195, 143) }
```

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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