

Converting Colors

`RYB(231, 235, 139)`

Have a look what the booklet for
RYB(231, 235, 139) contains.

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Color

R_YB(231, 235, 139)

Conversions

Conversions Part 1

Format	Color
Hex	EBBC8B
RGB	235, 188, 139
RGB Percent	92%, 74%, 55%
CMY	0.0784, 0.2627, 0.4549
CMYK	0.00, 0.20, 0.41, 0.08
HSL	31°, 71%, 73%
HSV	31°, 41%, 92%
XYZ	56.9089, 55.5018, 32.1396
YIQ	196.4670, 43.7410, -5.2750

Conversions

Conversions Part 2

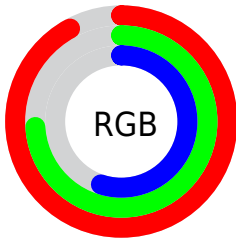
Format	Color
R _Y B	231, 235, 139
Decimal	15449227
CIE Lab	79.33, 10.52, 31.20
CIE LCh	79, 32.922, 71.366
Yxy	55.5018, 0.3937, 0.3840
Android (android.graphics.Color)	4293639307 (0xFFEBBC8B)
YUV	196.4670, -28.3312, 33.7934
Hunter-Lab	74.4995, 5.9790, 26.5716

Details

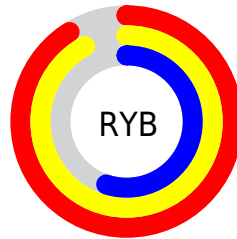
The RYB color **231, 235, 139** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **139, 171, 235**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **206, 255, 193**, and **168, 177, 88** is the 20% darker color. If you saturate the color by 10%, you get **227, 235, 115**, and if you desaturate by 10%, it is **231, 235, 163**.

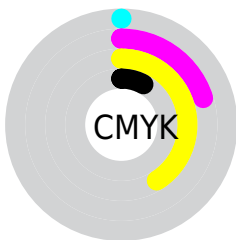
Distribution



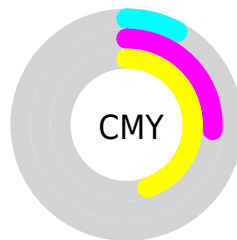
- Red (92%)
- Green (74%)
- Blue (55%)



- Red (91%)
- Yellow (92%)
- Blue (55%)



- Cyan (0%)
- Magenta (20%)
- Yellow (41%)
- Black (8%)



- Cyan (8%)
- Magenta (26%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 231, 235, 139 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, 235, 139 by changing the saturation by 10% instead.

 231, 235, 139

 231, 235, 139

255, 255, 255

 200, 206, 113

 206, 255, 193

 168, 177, 88

 221, 255, 221

 139, 150, 64

 250, 255, 250

 109, 122, 41

 80, 96, 19

 55, 71, 0

 45, 36, 0


 18, 0, 0

 0, 0, 0

 231, 235, 139

 231, 235, 139

 227, 235, 115

 231, 235, 163

 229, 235, 92

 233, 235, 186

 227, 235, 69

 233, 235, 210

 227, 235, 45

 235, 235, 233

 223, 235, 21

 235, 242, 255

 225, 235, 0

 235, 245, 255

Harmonies

Analogous

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



254, 185, 157



231, 235, 139



145, 206, 136

Triad

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



231, 235, 139



107, 162, 214



216, 185, 243

Complementary

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



231, 235, 139



139, 171, 235

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.



174, 191, 255



231, 235, 139



100, 161, 236

Square

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



231, 235, 139



137, 186, 212



129, 176, 254



245, 176, 217

Rectangle

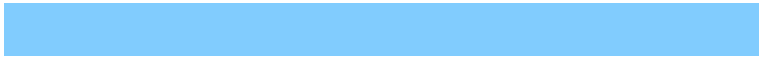
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231, 235, 139



143, 204, 163



129, 176, 254



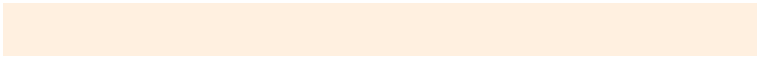
203, 188, 249

Sweetspot

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



231, 235, 139



253, 255, 224



235, 139, 187



128, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



231, 235, 139



249, 255, 130



139, 235, 139



115, 117, 106



175, 181, 0



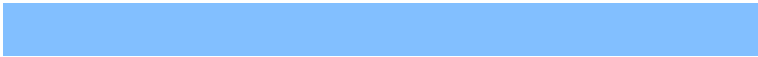
54, 54, 0

Inverse Universe

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



139, 171, 235



130, 171, 255



139, 139, 235



106, 109, 117



0, 60, 181



0, 18, 54

Previews

White Background



This preview shows how the RYB color 231, 235, 139 looks on a white background.

Color Contrast Check

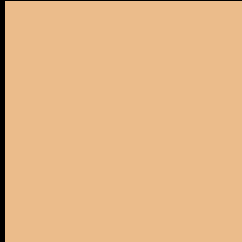
Large Text (above 18pt) WCAG AA × Fail

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, 235, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

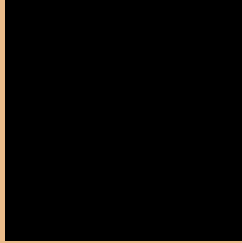
Any Text WCAG AA ✓ Pass

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, 235, 139 Background



This preview shows how black text looks on a background with the RYB color 231, 235, 139.




This preview shows how white text looks on a background with the RYB color 231, 235, 139.

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](#).

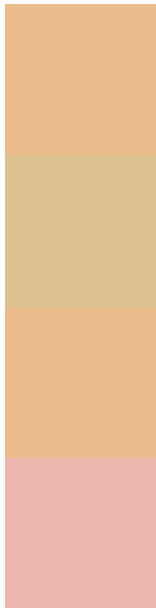
Dichromacy

	Original Color 231, 235, 139
	Protanopia 162, 212, 143
	Deuteranopia 228, 234, 139



Tritanopia
241, 181, 195

Trichromacy



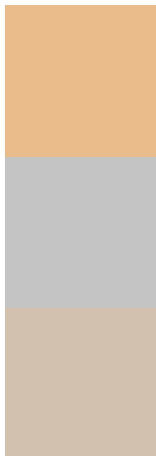
Original Color
231, 235, 139

Protanomaly
181, 220, 142

Deuteranomaly
228, 234, 139

Tritanomaly
239, 185, 175

Monochromacy



Original Color
231, 235, 139

Achromatopsia
196, 196, 196

Achromatomaly
208, 210, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 231, 235, 139 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(235, 188, 139) looks like.

```
.text, #text, p{  
    color:rgb(235, 188, 139)  
}
```

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(235, 188, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 188, 139) }
```

Border

The CSS property to change the border of an element to RYB 231, 235, 139 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(235, 188, 139) }
```

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

```
.border{ border-color:rgb(235, 188, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 188, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 188, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 188, 139);  
box-shadow:4px 4px 4px 4px rgb(235, 188,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 235, 188, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 188, 139) }
```

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

```
.background{ background-color: rgb(235,  
188, 139) }
```

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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