

Converting Colors

`RYB(235, 179, 143)`

Have a look what the booklet for
RYB(235, 179, 143) contains.

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Color

R_YB(235, 179, 143)

Conversions

Conversions Part 1

Format	Color
Hex	EBA98F
RGB	235, 169, 143
RGB Percent	92%, 66%, 56%
CMY	0.0784, 0.3377, 0.4392
CMYK	0.00, 0.28, 0.39, 0.08
HSL	17°, 70%, 74%
HSV	17°, 39%, 92%
XYZ	53.3836, 47.9748, 32.4330
YIQ	185.7700, 47.6820, 5.9060

Conversions

Conversions Part 2

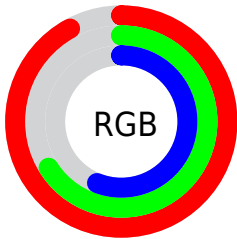
Format	Color
R _Y B	235, 179, 143
Decimal	15444367
CIE Lab	74.81, 21.12, 23.00
CIE LCh	75, 31.222, 47.443
Yxy	47.9748, 0.3990, 0.3586
Android (android.graphics.Color)	4293634447 (0xFFEBA98F)
YUV	185.7700, -21.0856, 43.1747
Hunter-Lab	69.2638, 16.3633, 20.7219

Details

The RYB color **235, 179, 143** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **143, 181, 235**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 248, 197**, and **177, 127, 93** is the 20% darker color. If you saturate the color by 10%, you get **235, 164, 120**, and if you desaturate by 10%, it is **235, 194, 166**.

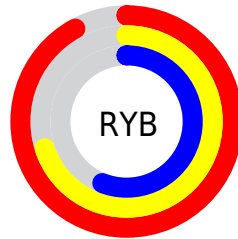
Distribution



Red (92%)

Green (66%)

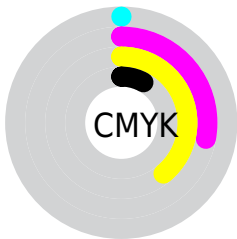
Blue (56%)



Red (92%)

Yellow (70%)

Blue (56%)

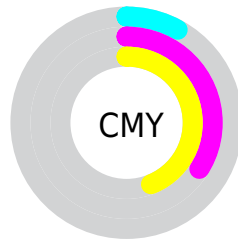


Cyan (0%)

Magenta (28%)

Yellow (39%)

Black (8%)



Cyan (8%)


Magenta (34%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the RYB color 235, 179, 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, 179, 143 by changing the saturation by 10% instead.

 235, 179, 143

 235, 179, 143

255, 255, 255

 206, 152, 117

 255, 248, 197

 177, 125, 93

 227, 255, 225

 149, 101, 69

254, 255, 254

 122, 77, 46


 95, 53, 25

 69, 35, 0

 44, 0, 0

 0, 0, 0

 235, 179, 143

 235, 179, 143

■ 235, 164, 120

■ 235, 194, 166

■ 235, 150, 96

■ 235, 208, 190

■ 235, 135, 73

■ 235, 222, 214

■ 235, 121, 49

■ 235, 236, 237

■ 235, 107, 25

■ 235, 244, 255

■ 235, 94, 2

■ 235, 245, 255

■ 235, 92, 0

Harmonies

Analogous

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



242, 163, 168



235, 179, 143



192, 215, 128

Triad

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



235, 179, 143



122, 169, 199



171, 180, 239

Complementary

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



235, 179, 143



143, 181, 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.



129, 168, 240



235, 179, 143



96, 148, 200

Square

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



235, 179, 143



144, 195, 184



97, 153, 225



209, 171, 223

Rectangle

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



235, 179, 143



141, 197, 127



97, 153, 225



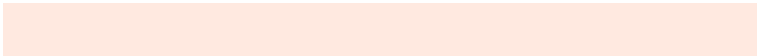
157, 177, 241

Sweetspot

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



235, 179, 143



255, 237, 224



235, 143, 210



128, 117, 110



0, 0, 0



128, 128, 128

Same Dimension

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



235, 179, 143



255, 182, 135



170, 235, 143



117, 110, 106



181, 71, 0



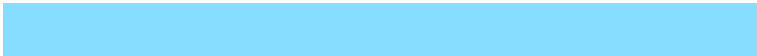
54, 21, 0

Inverse Universe

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



143, 181, 235



135, 185, 255



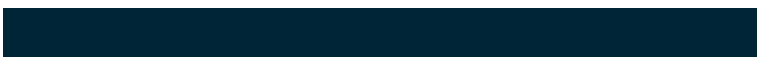
143, 160, 235



106, 111, 117



0, 76, 181



0, 22, 54

Previews

White Background



This preview shows how the RYB color 235, 179, 143 looks on a white background.

Color Contrast Check

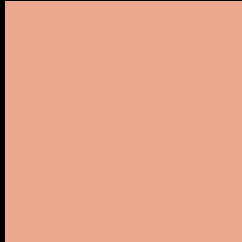
Large Text (above 18pt) WCAG AA × Fail

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, 179, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

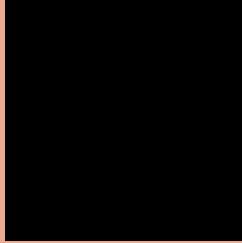
Any Text WCAG AA ✓ Pass

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, 179, 143 Background



This preview shows how black text looks on a background with the RYB color 235, 179, 143.



This preview shows how white text looks on a background with the RYB color 235, 179, 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, 179, 143

Protanopia
165, 195, 150

Deuteranopia
217, 209, 141



Tritanopia
238, 164, 177

Trichromacy



Original Color
235, 179, 143

Protanomaly
208, 210, 147

Deuteranomaly
224, 194, 142

Tritanomaly
237, 166, 165

Monochromacy



Original Color
235, 179, 143

Achromatopsia
186, 186, 186

Achromatomaly
204, 184, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 179, 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(235, 169, 143)` looks like.

```
.text, #text, p{  
    color:rgb(235, 169, 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(235, 169, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 169, 143) }
```

Border

The CSS property to change the border of an element to RYB 235, 179, 143 is called "border". The border property can be set on classes, ids or directly on the HTML element.

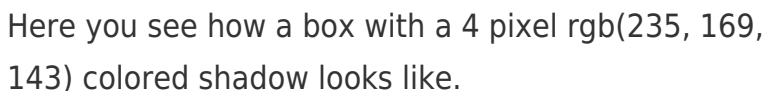
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 169, 143) }
```

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

```
.border{ border-color:rgb(235, 169, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 169, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 169, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 169, 143); box-shadow:4px 4px 4px 4px rgb(235, 169, 143) }
```

Background

The CSS property to change the background color of an element to RGB 235, 169, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 169, 143) }
```

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

```
.background{ background-color: rgb(235,  
169, 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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