

Converting Colors

`RYB(235, 233, 148)`

Have a look what the booklet for
RYB(235, 233, 148) contains.

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Color

R_YB(235, 233, 148)

Conversions

Conversions Part 1

Format	Color
Hex	EBBF94
RGB	235, 191, 148
RGB Percent	92%, 75%, 58%
CMY	0.0784, 0.2510, 0.4196
CMYK	0.00, 0.19, 0.37, 0.08
HSL	30°, 69%, 75%
HSV	30°, 37%, 92%
XYZ	58.2358, 57.0594, 35.9612
YIQ	199.2540, 40.0270, -4.0450

Conversions

Conversions Part 2

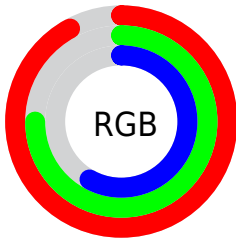
Format	Color
R _Y B	235, 233, 148
Decimal	15450004
CIE Lab	80.21, 9.96, 27.64
CIE LCh	80, 29.378, 70.180
Yxy	57.0594, 0.3850, 0.3772
Android (android.graphics.Color)	4293640084 (0xFFEBBF94)
YUV	199.2540, -25.2682, 31.3492
Hunter-Lab	75.5376, 5.4238, 24.6502

Details

The RYB color **235, 233, 148** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **148, 177, 235**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **211, 255, 202**, and **176, 178, 97** is the 20% darker color. If you saturate the color by 10%, you get **235, 231, 125**, and if you desaturate by 10%, it is **235, 233, 172**.

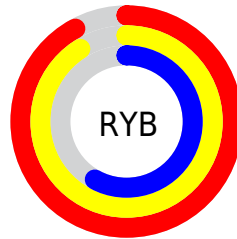
Distribution



Red (92%)

Green (75%)

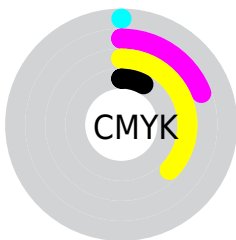
Blue (58%)



Red (92%)

Yellow (91%)

Blue (58%)

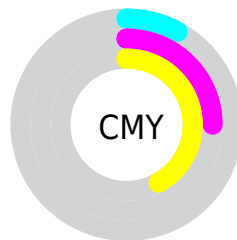


Cyan (0%)

Magenta (19%)

Yellow (37%)

Black (8%)



Cyan (8%)

Magenta (25%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 233, 148 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, 233, 148 by changing the saturation by 10% instead.

 235, 233, 148

 235, 233, 148


255, 255, 255

 206, 206, 122

 211, 255, 202

 176, 178, 97

 231, 255, 231

 148, 150, 73

 117, 123, 50

 89, 97, 27

 54, 71, 3

 47, 41, 0

 22, 0, 0

 0, 0, 0

 235, 233, 148


 235, 233, 148

 235, 231, 125


 235, 233, 172

 235, 231, 101


 235, 235, 195

 235, 229, 78

 235, 235, 219

 235, 229, 54

 235, 238, 242

 235, 231, 31

 235, 244, 255

 235, 231, 7

 235, 245, 255

 235, 229, 0

Harmonies

Analogous

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



251, 188, 165



235, 233, 148



155, 209, 145

Triad

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



235, 233, 148



123, 170, 214



215, 189, 241

Complementary

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



235, 233, 148



148, 177, 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.



178, 194, 253



235, 233, 148



118, 170, 233

Square

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



235, 233, 148



148, 192, 213



141, 182, 250



242, 181, 218

Rectangle

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



235, 233, 148



151, 206, 168



141, 182, 250



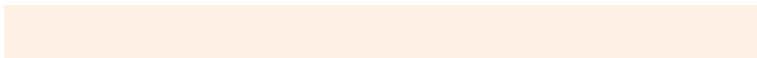
203, 192, 246

Sweetspot

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



235, 233, 148



255, 255, 227



235, 148, 193



128, 126, 111



0, 0, 0



128, 128, 128

Same Dimension

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



235, 233, 148



255, 251, 143



149, 235, 148



117, 115, 106



181, 175, 0



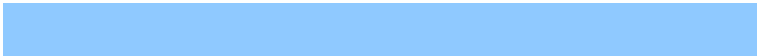
54, 50, 0

Inverse Universe

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



148, 177, 235



143, 181, 255



148, 149, 235



106, 110, 117



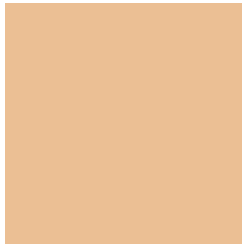
0, 61, 181



0, 18, 54

Previews

White Background



This preview shows how the RYB color 235, 233, 148 looks on a white background.

Color Contrast Check

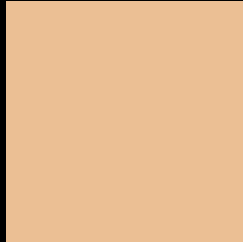
Large Text (above 18pt) WCAG AA × Fail

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, 233, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

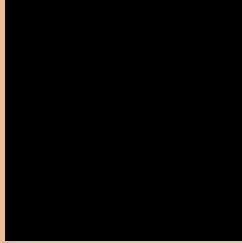
Any Text WCAG AA ✓ Pass

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, 233, 148 Background



This preview shows how black text looks on a background with the RYB color 235, 233, 148.





This preview shows how white text looks on a background with the RYB color 235, 233, 148.

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, 233, 148
	Protanopia 170, 213, 152
	Deuteranopia 235, 233, 148



Tritanopia
240, 184, 198

Trichromacy



Original Color
235, 233, 148

Protanomaly
190, 221, 151

Deuteranomaly
235, 233, 148

Tritanomaly
238, 188, 180

Monochromacy



Original Color
235, 233, 148

Achromatopsia
199, 199, 199

Achromatomaly
212, 212, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 233, 148 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, 191, 148)` looks like.

```
.text, #text, p{  
    color:rgb(235, 191, 148)  
}
```

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, 191, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 191, 148) }
```

Border

The CSS property to change the border of an element to RYB 235, 233, 148 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, 191, 148) }
```

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

```
.border{ border-color:rgb(235, 191, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 191, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 191, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 191, 148);  
box-shadow:4px 4px 4px 4px rgb(235, 191,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 235, 233, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 191, 148) }
```

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

```
.background{ background-color: rgb(235,  
191, 148) }
```

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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