

Converting Colors

`RYB(255, 235, 148)`

Have a look what the booklet for
RYB(255, 235, 148) contains.

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Color

R_YB(255, 235, 148)

Conversions

Conversions Part 1

Format	Color
Hex	FFC494
RGB	255, 196, 148
RGB Percent	100%, 77%, 58%
CMY	0.0000, 0.2314, 0.4196
CMYK	0.00, 0.23, 0.42, 0.00
HSL	27°, 100%, 79%
HSV	27°, 42%, 100%
XYZ	66.3217, 62.8710, 36.6568
YIQ	208.1690, 50.5720, -2.4200

Conversions

Conversions Part 2

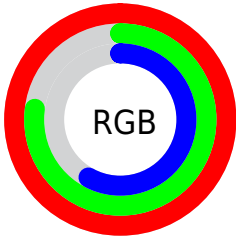
Format	Color
R _Y B	255, 235, 148
Decimal	16762004
CIE Lab	83.37, 15.14, 32.20
CIE LCh	83, 35.586, 64.814
Yxy	62.8710, 0.3999, 0.3791
Android (android.graphics.Color)	4294952084 (0xFFFFC494)
YUV	208.1690, -29.6633, 41.0708
Hunter-Lab	79.2912, 10.5435, 28.0938

Details

The RYB color **255, 235, 148** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **148, 186, 255**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **204, 255, 202**, and **196, 180, 97** is the 20% darker color. If you saturate the color by 10%, you get **255, 230, 123**, and if you desaturate by 10%, it is **255, 239, 174**.

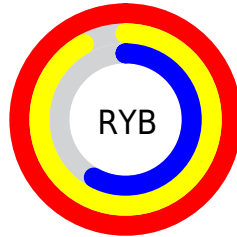
Distribution



Red (100%)

Green (77%)

Blue (58%)



Red (100%)

Yellow (92%)

Blue (58%)

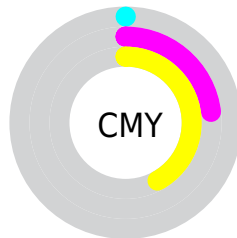


Cyan (0%)

Magenta (23%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 235, 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 255, 235, 148 by changing the saturation by 10% instead.

 255, 235, 148

 255, 235, 148


255, 255, 255


 225, 208, 122

 204, 255, 202

 196, 180, 97

 231, 255, 231

 168, 157, 72

 140, 131, 49

 112, 108, 26

 78, 86, 2

 60, 43, 0

 36, 0, 0

 0, 0, 0

255, 235, 148

255, 235, 148

255, 230, 123

255, 239, 174

255, 226, 97

255, 244, 199

255, 221, 72

255, 248, 225

255, 217, 46

255, 253, 250

255, 211, 21

255, 255, 255

255, 206, 0

Harmonies

Analogous

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



255, 189, 171



255, 235, 148



165, 226, 141

Triad

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



255, 235, 148



114, 174, 226



219, 197, 255

Complementary

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



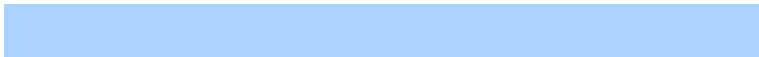
255, 235, 148



148, 186, 255

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.



172, 198, 255



255, 235, 148



98, 166, 245

Square

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



255, 235, 148



150, 204, 224



123, 179, 255



255, 187, 237

Rectangle

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



255, 235, 148



146, 214, 158



123, 179, 255



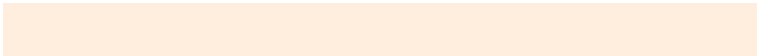
204, 201, 255

Sweetspot

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



255, 235, 148



255, 250, 222



255, 148, 209



128, 123, 107



0, 0, 0



128, 128, 128

Same Dimension

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



255, 235, 148



255, 231, 128



155, 255, 148



128, 123, 115



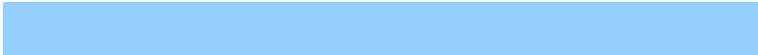
191, 156, 0



64, 53, 0

Inverse Universe

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



148, 186, 255



128, 173, 255



148, 155, 255



115, 120, 128



0, 68, 191



0, 23, 64

Previews

White Background



This preview shows how the RYB color 255, 235, 148 looks on a white background.

Color Contrast Check

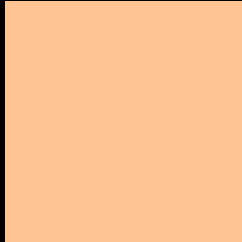
Large Text (above 18pt) WCAG AA × Fail

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 255, 235, 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 255, 235, 148 Background



This preview shows how black text looks on a background with the RYB color 255, 235, 148.



This preview shows how white text looks on a background with the RYB color 255, 235, 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
255, 235, 148

Protanopia
172, 223, 153

Deuteranopia
239, 247, 147



Tritanopia
255, 191, 204

Trichromacy



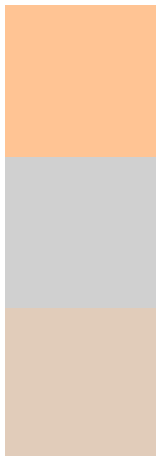
Original Color
255, 235, 148

Protanomaly
200, 235, 151

Deuteranomaly
250, 248, 147

Tritanomaly
255, 194, 184

Monochromacy



Original Color
255, 235, 148

Achromatopsia
208, 208, 208

Achromatomaly
225, 219, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 235, 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(255, 196, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 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(255, 196, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 148) }
```

Border

The CSS property to change the border of an element to RYB 255, 235, 148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

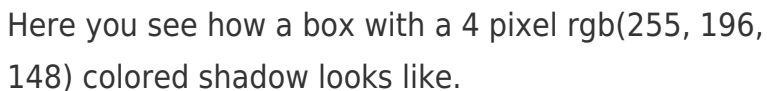
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 196, 148) }
```

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

```
.border{ border-color:rgb(255, 196, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 196, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 196, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 196, 148); box-shadow:4px 4px 4px 4px rgb(255, 196, 148) }
```

Background

The CSS property to change the background color of an element to RYB 255, 235, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 148) }
```

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

```
.background{ background-color: rgb(255,  
196, 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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