

Converting Colors

`RYB(245, 189, 135)`

Have a look what the booklet for
RYB(245, 189, 135) contains.

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Color

R_YB(245, 189, 135)

Conversions

Conversions Part 1

Format	Color
Hex	F5AB87
RGB	245, 171, 135
RGB Percent	96%, 67%, 53%
CMY	0.0392, 0.3286, 0.4706
CMYK	0.00, 0.30, 0.45, 0.04
HSL	20°, 85%, 75%
HSV	20°, 45%, 96%
XYZ	56.6338, 50.3706, 29.6592
YIQ	189.0220, 55.6600, 4.4920

Conversions

Conversions Part 2

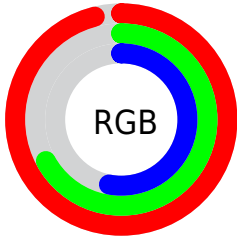
Format	Color
R _Y B	245, 189, 135
Decimal	16100231
CIE Lab	76.30, 22.91, 29.48
CIE LCh	76, 37.341, 52.147
Yxy	50.3706, 0.4144, 0.3686
Android (android.graphics.Color)	4294290311 (0xFFF5AB87)
YUV	189.0220, -26.6328, 49.0927
Hunter-Lab	70.9722, 18.2364, 24.9033

Details

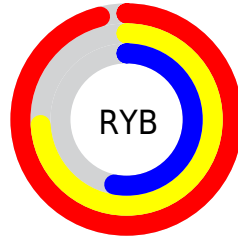
The RYB color **245, 189, 135** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **135, 179, 245**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **238, 255, 189**, and **186, 134, 85** is the 20% darker color. If you saturate the color by 10%, you get **245, 178, 110**, and if you desaturate by 10%, it is **245, 202, 160**.

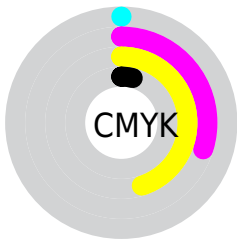
Distribution



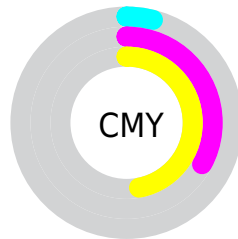
- Red (96%)
- Green (67%)
- Blue (53%)



- Red (96%)
- Yellow (74%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (45%)
- Black (4%)



- Cyan (4%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 189, 135 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 245, 189, 135 by changing the saturation by 10% instead.

 245, 189, 135

 245, 189, 135

255, 255, 255

 215, 164, 109

 238, 255, 189

 186, 136, 85

 216, 255, 216

 158, 111, 61

 245, 255, 245

 129, 84, 39

 102, 61, 17

 76, 35, 0

 49, 2, 0

 17, 0, 0

 0, 0, 0

245, 189, 135

245, 189, 135

245, 178, 110

245, 202, 160

245, 163, 86

245, 214, 184

245, 151, 62

245, 227, 209

245, 138, 37

245, 239, 233

245, 126, 13

245, 249, 255

245, 121, 0

245, 250, 255

Harmonies

Analogous

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



255, 163, 164



245, 189, 135



179, 220, 120

Triad

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



245, 189, 135



103, 163, 206



180, 183, 252

Complementary

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



245, 189, 135



135, 179, 245

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.



125, 170, 255



245, 189, 135



66, 138, 213

Square

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



245, 189, 135



145, 202, 201



74, 147, 242



223, 170, 231

Rectangle

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



245, 189, 135



128, 198, 120



74, 147, 242



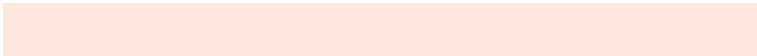
162, 182, 255

Sweetspot

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



245, 189, 135



255, 239, 222



245, 135, 210



128, 118, 107



0, 0, 0



128, 128, 128

Same Dimension

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



245, 189, 135



255, 186, 117



159, 245, 135



122, 116, 110



186, 91, 0



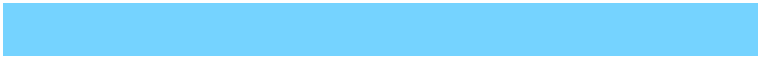
59, 28, 0

Inverse Universe

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



135, 179, 245



117, 173, 255



135, 152, 245



110, 115, 122



0, 75, 186



0, 23, 59

Previews

White Background



This preview shows how the RYB color 245, 189, 135 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 245, 189, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

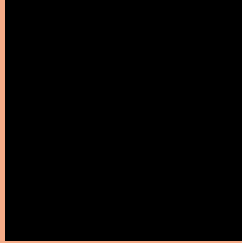
Any Text WCAG AA ✓ Pass

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 245, 189, 135 Background



This preview shows how black text looks on a background with the RYB color 245, 189, 135.



This preview shows how white text looks on a background with the RYB color 245, 189, 135.

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
245, 189, 135

Protanopia
160, 202, 142

Deuteranopia
215, 224, 133



Tritanopia
249, 165, 178

Trichromacy



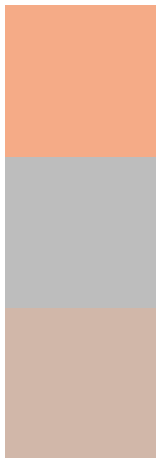
Original Color
245, 189, 135

Protanomaly
205, 218, 139

Deuteranomaly
232, 211, 134

Tritanomaly
248, 167, 162

Monochromacy



Original Color
245, 189, 135

Achromatopsia
189, 189, 189

Achromatomaly
209, 191, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 189, 135 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(245, 171, 135)` looks like.

```
.text, #text, p{  
    color:rgb(245, 171, 135)  
}
```

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(245, 171, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 171, 135) }
```

Border

The CSS property to change the border of an element to RYB 245, 189, 135 is called "border". The border property can be set on classes, ids or directly on the HTML element.

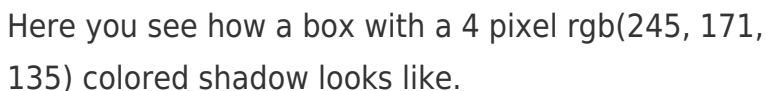
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 171, 135) }
```

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

```
.border{ border-color:rgb(245, 171, 135) }
```

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



Here you see how a box with a 4 pixel `rgb(245, 171, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 171, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 171, 135);  
box-shadow:4px 4px 4px 4px rgb(245, 171,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 245, 189, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 171, 135) }
```

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

```
.background{ background-color: rgb(245,  
171, 135) }
```

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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