

Converting Colors

`RYB(245, 190, 125)`

Have a look what the booklet for
RYB(245, 190, 125) contains.

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Color

R_YB(245, 190, 125)

Conversions

Conversions Part 1

Format	Color
Hex	F5A77D
RGB	245, 167, 125
RGB Percent	96%, 65%, 49%
CMY	0.0392, 0.3445, 0.5098
CMYK	0.00, 0.32, 0.49, 0.04
HSL	21°, 86%, 73%
HSV	21°, 49%, 96%
XYZ	55.2063, 48.5900, 25.8712
YIQ	185.5340, 59.9700, 3.4740

Conversions

Conversions Part 2

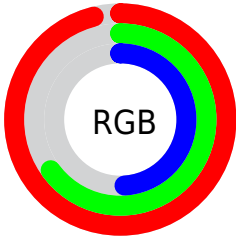
Format	Color
R _Y B	245, 190, 125
Decimal	16099197
CIE Lab	75.20, 24.09, 33.36
CIE LCh	75, 41.150, 54.163
Yxy	48.5900, 0.4258, 0.3747
Android (android.graphics.Color)	4294289277 (0xFFF5A77D)
YUV	185.5340, -29.8433, 52.1517
Hunter-Lab	69.7066, 19.3822, 26.7895

Details

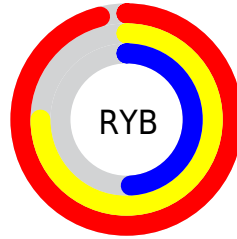
The RYB color **245, 190, 125** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **125, 172, 245**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **236, 255, 178**, and **186, 138, 75** is the 20% darker color. If you saturate the color by 10%, you get **245, 179, 100**, and if you desaturate by 10%, it is **245, 201, 150**.

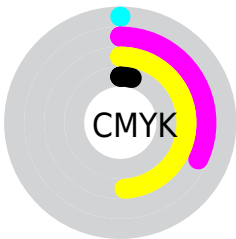
Distribution



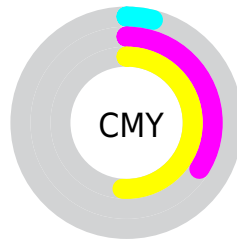
- Red (96%)
- Green (65%)
- Blue (49%)



- Red (96%)
- Yellow (75%)
- Blue (49%)



- Cyan (0%)
- Magenta (32%)
- Yellow (49%)
- Black (4%)



- Cyan (4%)
- Magenta (34%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the RYB color 245, 190, 125 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, 190, 125 by changing the saturation by 10% instead.

 245, 190, 125

 245, 190, 125

255, 255, 255

 215, 164, 100

 233, 255, 178

 186, 138, 75

 210, 255, 206

 157, 112, 52

 234, 255, 234

 129, 88, 29

 101, 67, 6

 74, 27, 0

 48, 0, 0

 9, 0, 0

 0, 0, 0

■ 245, 190, 125

■ 245, 190, 125

■ 245, 179, 100

■ 245, 201, 150

■ 245, 167, 76

■ 245, 213, 174

■ 245, 156, 51

■ 245, 224, 199

■ 245, 146, 27

■ 245, 236, 223

■ 245, 135, 2

■ 245, 246, 247

■ 245, 133, 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, 157, 156



245, 190, 125



165, 217, 109

Triad

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



245, 190, 125



83, 152, 205



179, 178, 254

Complementary

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



245, 190, 125



125, 172, 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.



116, 165, 255



245, 190, 125



8, 109, 215

Square

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



245, 190, 125



134, 196, 201



40, 130, 246



226, 165, 230

Rectangle

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



245, 190, 125



113, 192, 110



40, 130, 246



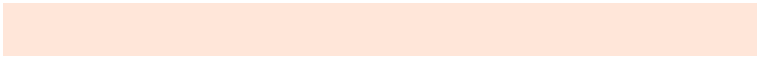
159, 178, 255

Sweetspot

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



245, 190, 125



255, 237, 217



245, 125, 203



128, 117, 105



0, 0, 0



128, 128, 128

Same Dimension

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



245, 190, 125



255, 185, 105



146, 245, 125



122, 116, 110



186, 100, 0



59, 33, 0

Inverse Universe

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



125, 172, 245



105, 164, 255



125, 141, 245



110, 115, 122



0, 73, 186



0, 23, 59

Previews

White Background



This preview shows how the RYB color 245, 190, 125 looks on a white background.

Color Contrast Check

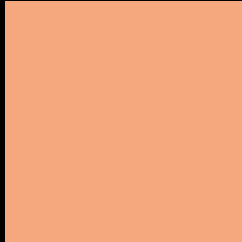
Large Text (above 18pt) WCAG AA × Fail

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, 190, 125 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, 190, 125 Background



This preview shows how black text looks on a background with the RYB color 245, 190, 125.

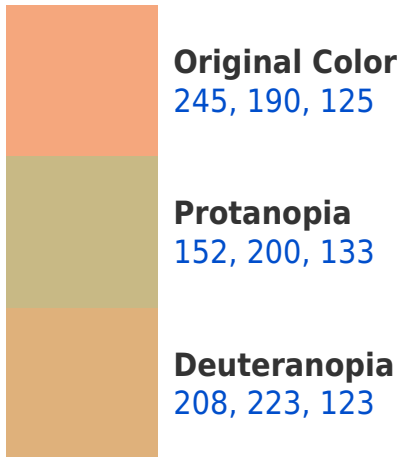



This preview shows how white text looks on a background with the RYB color 245, 190, 125.

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





Tritanopia
249, 161, 173

Trichromacy



Original Color

245, 190, 125

Protanomaly

195, 216, 130

Deuteranomaly

231, 214, 124

Tritanomaly

248, 164, 156

Monochromacy



Original Color

245, 190, 125

Achromatopsia

186, 186, 186

Achromatomaly

207, 187, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 190, 125 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, 167, 125) looks like.

```
.text, #text, p{  
    color:rgb(245, 167, 125)  
}
```

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, 167, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 167, 125) }
```

Border

The CSS property to change the border of an element to RYB 245, 190, 125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

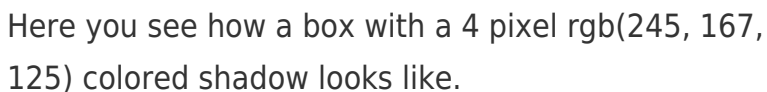
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 167, 125) }
```

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

```
.border{ border-color:rgb(245, 167, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(245, 167, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 167, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 167, 125);  
box-shadow:4px 4px 4px 4px rgb(245, 167,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 245, 190, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 167, 125) }
```

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

```
.background{ background-color: rgb(245,  
167, 125) }
```

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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