

Converting Colors

`RYB(245, 176, 146)`

Have a look what the booklet for
RYB(245, 176, 146) contains.

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Color

R_YB(245, 176, 146)

Conversions

Conversions Part 1

Format	Color
Hex	F5A992
RGB	245, 169, 146
RGB Percent	96%, 66%, 57%
CMY	0.0392, 0.3372, 0.4275
CMYK	0.00, 0.31, 0.40, 0.04
HSL	14°, 83%, 77%
HSV	14°, 40%, 96%
XYZ	57.0368, 49.8724, 33.8143
YIQ	189.1020, 52.6790, 8.9590

Conversions

Conversions Part 2

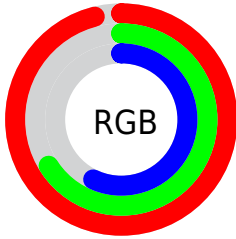
Format	Color
R _Y B	245, 176, 146
Decimal	16099730
CIE Lab	75.99, 25.23, 23.17
CIE LCh	76, 34.249, 42.563
Yxy	49.8724, 0.4053, 0.3544
Android (android.graphics.Color)	4294289810 (0xFFFF5A992)
YUV	189.1020, -21.2493, 49.0225
Hunter-Lab	70.6204, 20.5804, 21.0452

Details

The RYB color **245, 176, 146** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **146, 189, 245**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 246, 200**, and **186, 122, 95** is the 20% darker color. If you saturate the color by 10%, you get **245, 158, 122**, and if you desaturate by 10%, it is **245, 193, 171**.

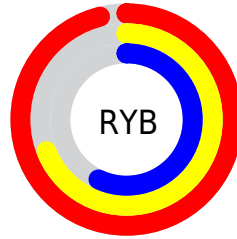
Distribution



Red (96%)

Green (66%)

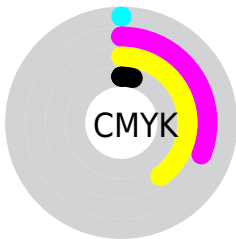
Blue (57%)



Red (96%)

Yellow (69%)

Blue (57%)

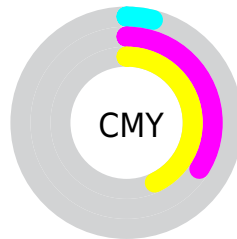


Cyan (0%)

Magenta (31%)

Yellow (40%)

Black (4%)



Cyan (4%)

Magenta (34%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 176, 146 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, 176, 146 by changing the saturation by 10% instead.

 245, 176, 146

 245, 176, 146

255, 255, 255

 215, 149, 120

 255, 246, 200

 186, 122, 95

 230, 255, 228

 158, 97, 71

 130, 72, 49

 103, 49, 27

 76, 27, 3

 50, 0, 0

 19, 0, 0


 0, 0, 0

 245, 176, 146


 245, 176, 146

 245, 158, 122


 245, 193, 171

 245, 141, 97

 245, 211, 195

 245, 126, 72

 245, 226, 220

 245, 108, 48

 245, 244, 244

 245, 91, 23

 245, 250, 255

 245, 74, 0

Harmonies

Analogous

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



250, 164, 175



245, 176, 146



215, 225, 128

Triad

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



245, 176, 146



123, 175, 203



165, 182, 249

Complementary

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



245, 176, 146



146, 189, 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.



117, 166, 247



245, 176, 146



90, 149, 205

Square

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



245, 176, 146



140, 198, 177



83, 149, 229



208, 175, 234

Rectangle

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



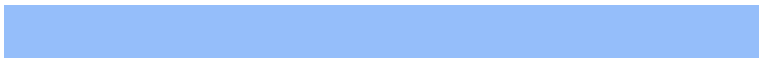
245, 176, 146



152, 207, 124



83, 149, 229



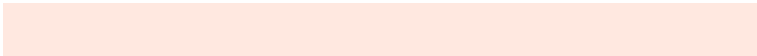
149, 178, 250

Sweetspot

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



245, 176, 146



255, 235, 224



245, 146, 224



128, 115, 110



0, 0, 0



128, 128, 128

Same Dimension

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



245, 176, 146



255, 169, 133



185, 245, 146



122, 114, 110



186, 56, 0



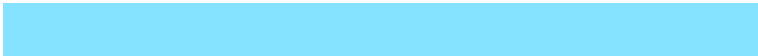
59, 18, 0

Inverse Universe

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



146, 189, 245



133, 186, 255



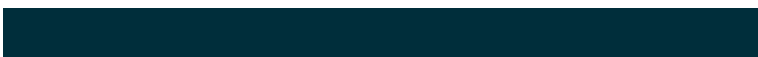
146, 168, 245



110, 115, 122



0, 81, 186



0, 26, 59

Previews

White Background



This preview shows how the RYB color 245, 176, 146 looks on a white background.

Color Contrast Check

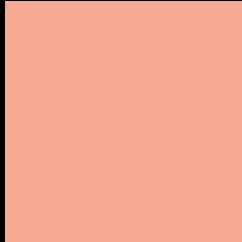
Large Text (above 18pt) WCAG AA × Fail

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, 176, 146 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](#).

R Y B 245, 176, 146 Background



This preview shows how black text looks on a background with the R Y B color 245, 176, 146.



This preview shows how white text looks on a background with the R Y B color 245, 176, 146.

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, 176, 146

Protanopia
170, 198, 155

Deuteranopia
220, 212, 144



Tritanopia
248, 165, 177

Trichromacy



Original Color

245, 176, 146



Protanomaly

215, 202, 152



Deuteranomaly

229, 194, 145



Tritanomaly

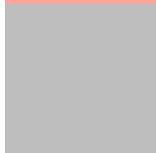
247, 166, 166

Monochromacy



Original Color

245, 176, 146



Achromatopsia

189, 189, 189



Achromatomaly

209, 185, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 176, 146 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, 169, 146) looks like.

```
.text, #text, p{  
    color:rgb(245, 169, 146)  
}
```

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, 169, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 169, 146) }
```

Border

The CSS property to change the border of an element to RYB 245, 176, 146 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, 169, 146) }
```

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

```
.border{ border-color:rgb(245, 169, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 169, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 169, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 169, 146);  
box-shadow:4px 4px 4px 4px rgb(245, 169,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 245, 176, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 169, 146) }
```

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

```
.background{ background-color: rgb(245,  
169, 146) }
```

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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