

Converting Colors

`RYB(245, 162, 136)`

Have a look what the booklet for
RYB(245, 162, 136) contains.

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Color

R_YB(245, 162, 136)

Conversions

Conversions Part 1

Format	Color
Hex	F59D88
RGB	245, 157, 136
RGB Percent	96%, 62%, 53%
CMY	0.0392, 0.3843, 0.4667
CMYK	0.00, 0.36, 0.44, 0.04
HSL	12°, 84%, 75%
HSV	12°, 44%, 96%
XYZ	54.1558, 45.3015, 29.1823
YIQ	180.9180, 59.1890, 12.1250

Conversions

Conversions Part 2

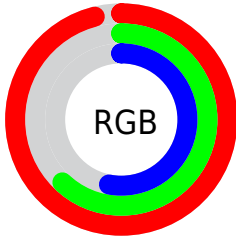
Format	Color
R _Y B	245, 162, 136
Decimal	16096648
CIE Lab	73.09, 30.51, 24.65
CIE LCh	73, 39.223, 38.946
Yxy	45.3015, 0.4210, 0.3522
Android (android.graphics.Color)	4294286728 (0xFFFF59D88)
YUV	180.9180, -22.1446, 56.1999
Hunter-Lab	67.3064, 25.8379, 21.4079

Details

The RYB color **245, 162, 136** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **136, 185, 245**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 224, 189**, and **186, 109, 86** is the 20% darker color. If you saturate the color by 10%, you get **245, 143, 112**, and if you desaturate by 10%, it is **245, 181, 161**.

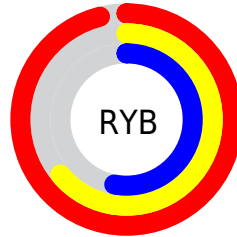
Distribution



Red (96%)

Green (62%)

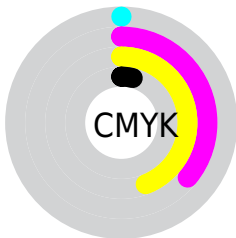
Blue (53%)



Red (96%)

Yellow (64%)

Blue (53%)

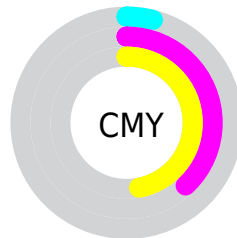


Cyan (0%)

Magenta (36%)

Yellow (44%)

Black (4%)



Cyan (4%)


Magenta (38%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the RYB color 245, 162, 136 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, 162, 136 by changing the saturation by 10% instead.

 245, 162, 136

 245, 162, 136

255, 255, 255

 215, 134, 111

 255, 224, 189


 186, 109, 86

 239, 255, 217

 157, 84, 63

 246, 255, 246

 129, 58, 40

 101, 34, 20

 74, 7, 0

 48, 0, 0

 2, 0, 0


 0, 0, 0

 245, 162, 136


 245, 162, 136

 245, 143, 112

 245, 181, 161

 245, 124, 87

 245, 200, 185

 245, 107, 62

 245, 217, 210

 245, 88, 38

 245, 236, 234

 245, 68, 14

 245, 250, 255

 245, 58, 0

Harmonies

Analogous

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



249, 151, 170



245, 162, 136



225, 221, 113

Triad

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



245, 162, 136



109, 168, 197



145, 171, 250

Complementary

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



245, 162, 136



136, 185, 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.



82, 147, 246



245, 162, 136



57, 131, 199

Square

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



245, 162, 136



122, 191, 160



21, 115, 223



198, 166, 235

Rectangle

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



245, 162, 136



144, 204, 107



21, 115, 223



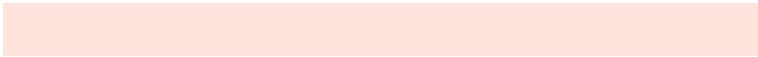
125, 165, 251

Sweetspot

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



245, 162, 136



255, 229, 222



245, 136, 225



128, 112, 107



0, 0, 0



128, 128, 128

Same Dimension

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



245, 162, 136



255, 152, 120



188, 245, 136



122, 114, 110



186, 45, 0



59, 14, 0

Inverse Universe

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



136, 185, 245



120, 180, 255



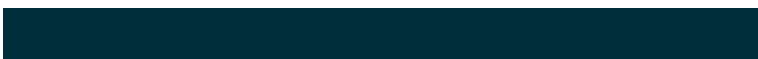
136, 162, 245



110, 115, 122



0, 83, 186



0, 26, 59

Previews

White Background



This preview shows how the RYB color 245, 162, 136 looks on a white background.

Color Contrast Check

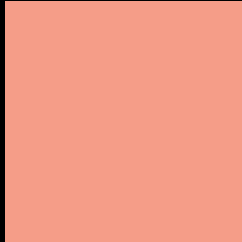
Large Text (above 18pt) WCAG AA × Fail

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, 162, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

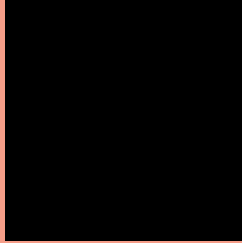
Any Text WCAG AA ✓ Pass

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](#).

RYP 245, 162, 136 Background



This preview shows how black text looks on a background with the RYP color 245, 162, 136.



This preview shows how white text looks on a background with the RYP color 245, 162, 136.

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, 162, 136

Protanopia
162, 191, 146

Deuteranopia
212, 210, 133



Tritanopia
247, 153, 164

Trichromacy



Original Color
245, 162, 136

Protanomaly
211, 192, 142

Deuteranomaly
224, 186, 134

Tritanomaly
246, 154, 154

Monochromacy



Original Color
245, 162, 136

Achromatopsia
181, 181, 181

Achromatomaly
204, 174, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 162, 136 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, 157, 136)` looks like.

```
.text, #text, p{  
    color:rgb(245, 157, 136)  
}
```

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, 157, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 157, 136) }
```

Border

The CSS property to change the border of an element to RYB 245, 162, 136 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, 157, 136) }
```

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

```
.border{ border-color:rgb(245, 157, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 157, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 157, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 157, 136); box-shadow:4px 4px 4px 4px rgb(245, 157, 136) }
```

Background

The CSS property to change the background color of an element to RYB 245, 162, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 157, 136) }
```

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

```
.background{ background-color: rgb(245,  
157, 136) }
```

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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