

Converting Colors

`RYB(248, 146, 117)`

Have a look what the booklet for
RYB(248, 146, 117) contains.

RYB(248, 146, 117)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(248, 146, 117)

Conversions

Conversions Part 1

Format	Color
Hex	F88D75
RGB	248, 141, 117
RGB Percent	97%, 55%, 46%
CMY	0.0275, 0.4481, 0.5412
CMYK	0.00, 0.43, 0.53, 0.03
HSL	11°, 90%, 72%
HSV	11°, 53%, 97%
XYZ	51.4094, 40.2151, 21.8823
YIQ	170.2570, 71.4760, 15.2200

Conversions

Conversions Part 2

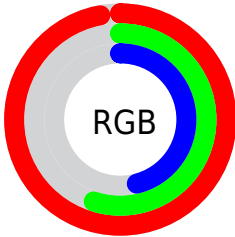
Format	Color
R _Y B	248, 146, 117
Decimal	16289141
CIE Lab	69.62, 38.32, 30.48
CIE LCh	70, 48.963, 38.493
Yxy	40.2151, 0.4529, 0.3543
Android (android.graphics.Color)	4294479221 (0xFFFF88D75)
YUV	170.2570, -26.2557, 68.1806
Hunter-Lab	63.4154, 33.7291, 23.9319

Details

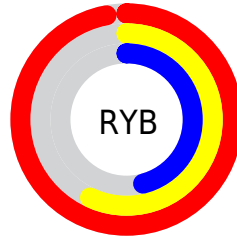
The RYB color **248, 146, 117** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **117, 176, 248**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 208, 169**, and **187, 94, 68** is the 20% darker color. If you saturate the color by 10%, you get **248, 126, 92**, and if you desaturate by 10%, it is **248, 165, 142**.

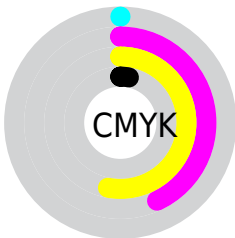
Distribution



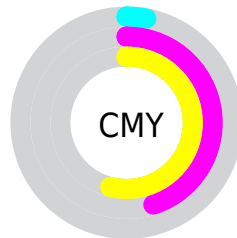
- Red (97%)
- Green (55%)
- Blue (46%)



- Red (97%)
- Yellow (57%)
- Blue (46%)



- Cyan (0%)
- Magenta (43%)
- Yellow (53%)
- Black (3%)



- Cyan (3%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 248, 146, 117 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 248, 146, 117 by changing the saturation by 10% instead.

 248, 146, 117


255, 255, 255

 255, 208, 169

 255, 248, 197

 227, 255, 225

253, 255, 253

 248, 146, 117

 218, 119, 92

 187, 92, 68

 158, 66, 46

 129, 40, 24


 100, 9, 0

 72, 0, 0

 48, 0, 2

 0, 0, 0

 248, 146, 117

 248, 146, 117

■ 248, 126, 92

■ 248, 165, 142

■ 248, 107, 67

■ 248, 184, 167

■ 248, 88, 43

■ 248, 205, 191

■ 248, 69, 18

■ 248, 223, 216

■ 248, 55, 0

■ 248, 242, 241

■ 248, 252, 255

Harmonies

Analogous

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



254, 133, 159



248, 146, 117



219, 223, 87

Triad

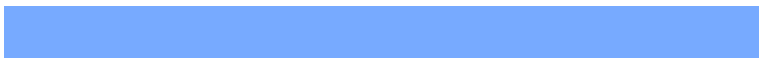
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



248, 146, 117



74, 150, 190



119, 156, 255

Complementary

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



248, 146, 117



117, 176, 248

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.



0, 106, 252



248, 146, 117



0, 99, 193

Square

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



248, 146, 117



98, 183, 144



0, 103, 224



190, 153, 240

Rectangle

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



248, 146, 117



123, 199, 79



0, 103, 224



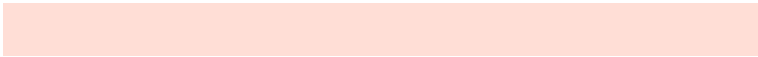
86, 144, 255

Sweetspot

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



248, 146, 117



255, 224, 214



248, 117, 226



128, 109, 103



0, 0, 0



128, 128, 128

Same Dimension

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



248, 146, 117



255, 129, 94



183, 248, 117



125, 116, 112



189, 41, 0



61, 13, 0

Inverse Universe

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



117, 176, 248



94, 167, 255



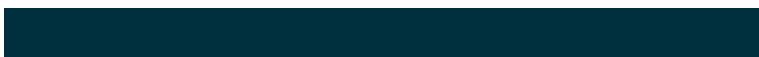
117, 150, 248



112, 118, 125



0, 85, 189



0, 27, 61

Previews

White Background



This preview shows how the RYB color 248, 146, 117 looks on a white background.

Color Contrast Check

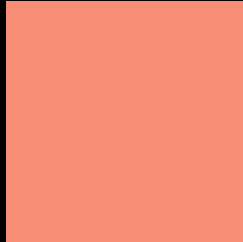
Large Text (above 18pt) WCAG AA × Fail

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 248, 146, 117 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 248, 146, 117 Background



This preview shows how black text looks on a background with the RYB color 248, 146, 117.

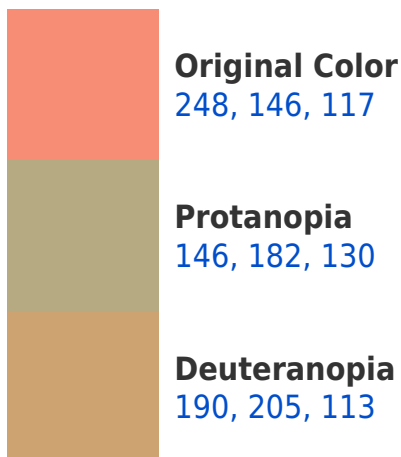


This preview shows how white text looks on a background with the RYB color 248, 146, 117.

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





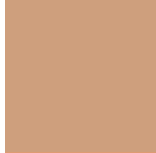
Tritanopia
250, 137, 147

Trichromacy



Original Color

248, 146, 117



Protanomaly

206, 184, 125



Deuteranomaly

221, 180, 114



Tritanomaly

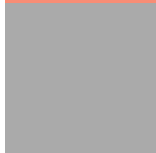
249, 138, 136

Monochromacy



Original Color

248, 146, 117



Achromatopsia

170, 170, 170



Achromatomaly

198, 161, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 248, 146, 117 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(248, 141, 117) looks like.

```
.text, #text, p{  
    color:rgb(248, 141, 117)  
}
```

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(248, 141, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 141, 117) }
```

Border

The CSS property to change the border of an element to RYB 248, 146, 117 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(248, 141, 117) }
```

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

```
.border{ border-color:rgb(248, 141, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 141, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 141, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 141, 117);  
box-shadow:4px 4px 4px 4px rgb(248, 141,  
117) }
```

Background

The CSS property to change the background color of an element to RYB 248, 146, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 141, 117) }
```

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

```
.background{ background-color: rgb(248,  
141, 117) }
```

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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