

Converting Colors

`RYB(252, 149, 108)`

Have a look what the booklet for
RYB(252, 149, 108) contains.

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Color

R_YB(252, 149, 108)

Conversions

Conversions Part 1

Format	Color
Hex	FC8C6C
RGB	252, 140, 108
RGB Percent	99%, 55%, 42%
CMY	0.0118, 0.4513, 0.5765
CMYK	0.00, 0.44, 0.57, 0.01
HSL	13°, 96%, 71%
HSV	13°, 57%, 99%
XYZ	52.2171, 40.5091, 19.2542
YIQ	169.8400, 77.0240, 13.7920

Conversions

Conversions Part 2

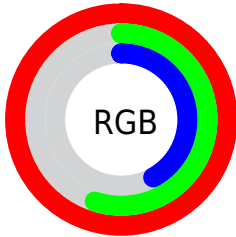
Format	Color
R _Y B	252, 149, 108
Decimal	16551020
CIE Lab	69.83, 39.55, 35.73
CIE LCh	70, 53.295, 42.093
Yxy	40.5091, 0.4663, 0.3618
Android (android.graphics.Color)	4294741100 (0xFFFC8C6C)
YUV	169.8400, -30.4871, 72.0543
Hunter-Lab	63.6467, 35.0634, 26.6164

Details

The RYB color **252, 149, 108** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **108, 171, 252**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 215, 160**, and **191, 96, 60** is the 20% darker color. If you saturate the color by 10%, you get **252, 130, 83**, and if you desaturate by 10%, it is **252, 168, 133**.

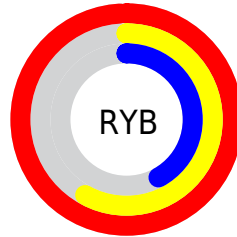
Distribution



Red (99%)

Green (55%)

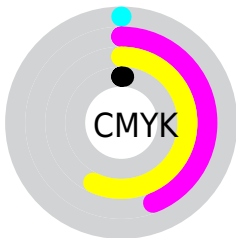
Blue (42%)



Red (99%)

Yellow (58%)

Blue (42%)

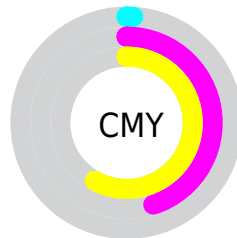


Cyan (0%)

Magenta (44%)

Yellow (57%)

Black (1%)



Cyan (1%)


Magenta (45%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 149, 108 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 252, 149, 108 by changing the saturation by 10% instead.

 252, 149, 108


255, 255, 255


 255, 215, 160


 247, 255, 187

 218, 255, 215


 244, 255, 244

 252, 149, 108

 221, 121, 83

 191, 96, 60

 161, 68, 37

 131, 41, 15


 103, 5, 0

 74, 0, 0

 49, 0, 2

 0, 0, 0

 252, 149, 108

 252, 149, 108

■ 252, 130, 83

■ 252, 168, 133

■ 252, 113, 58

■ 252, 185, 158

■ 252, 95, 32

■ 252, 203, 184

■ 252, 76, 7

■ 252, 220, 209

■ 252, 72, 0

■ 252, 239, 234

■ 252, 254, 255

Harmonies

Analogous

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



255, 129, 153



252, 149, 108



194, 223, 77

Triad

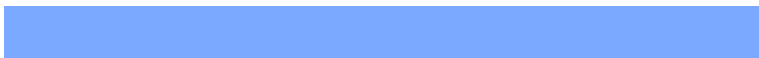
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 149, 108



43, 134, 193



123, 157, 255

Complementary

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



252, 149, 108



108, 171, 252

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, 107, 255



252, 149, 108



0, 99, 195

Square

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



252, 149, 108



96, 186, 155



0, 105, 234



200, 150, 243

Rectangle

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



252, 149, 108



103, 195, 70



0, 105, 234



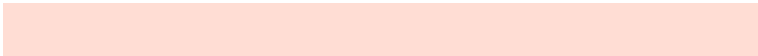
85, 144, 255

Sweetspot

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



252, 149, 108



255, 223, 212



252, 108, 221



128, 110, 102



0, 0, 0



128, 128, 128

Same Dimension

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



252, 149, 108



255, 129, 79



165, 252, 108



125, 116, 112



189, 54, 0



61, 18, 0

Inverse Universe

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



108, 171, 252



79, 156, 255



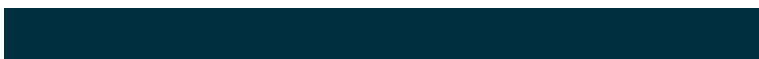
108, 140, 252



112, 118, 125



0, 83, 189



0, 27, 61

Previews

White Background



This preview shows how the RYB color 252, 149, 108 looks on a white background.

Color Contrast Check

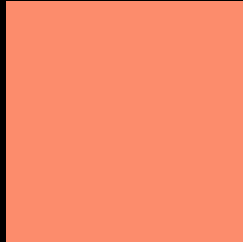
Large Text (above 18pt) WCAG AA × Fail

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 252, 149, 108 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 252, 149, 108 Background



This preview shows how black text looks on a background with the RYB color 252, 149, 108.

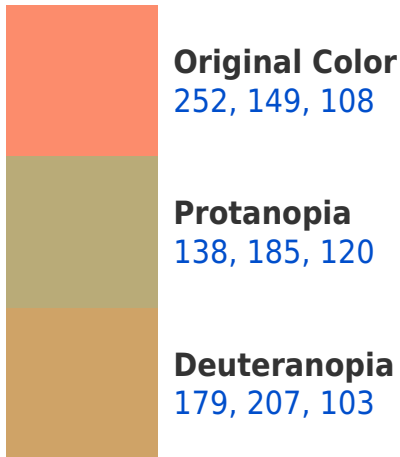


This preview shows how white text looks on a background with the RYB color 252, 149, 108.

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

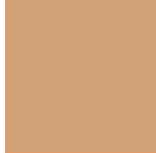
254, 135, 145

Trichromacy



Original Color

252, 149, 108



Protanomaly

209, 200, 116



Deuteranomaly

223, 192, 105



Tritanomaly

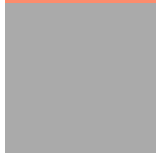
253, 137, 132

Monochromacy



Original Color

252, 149, 108



Achromatopsia

170, 170, 170



Achromatomaly

200, 163, 147

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 149, 108 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(252, 140, 108)` looks like.

```
.text, #text, p{  
    color:rgb(252, 140, 108)  
}
```

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(252, 140, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 140, 108) }
```

Border

The CSS property to change the border of an element to RYB 252, 149, 108 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(252, 140, 108) }
```

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

```
.border{ border-color:rgb(252, 140, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 140, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 140, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 140, 108);  
box-shadow:4px 4px 4px 4px rgb(252, 140,  
108) }
```

Background

The CSS property to change the background color of an element to RYB 252, 149, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 140, 108) }
```

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

```
.background{ background-color: rgb(252,  
140, 108) }
```

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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