

Converting Colors

`RYB(247, 122, 106)`

Have a look what the booklet for
RYB(247, 122, 106) contains.

RYB(247, 122, 106)	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

`RYB(247, 122, 106)`

Conversions

Conversions Part 1

Format	Color
Hex	F7786A
RGB	247, 120, 106
RGB Percent	97%, 47%, 42%
CMY	0.0314, 0.5280, 0.5843
CMYK	0.00, 0.51, 0.57, 0.03
HSL	6°, 90%, 69%
HSV	6°, 57%, 97%
XYZ	47.7203, 34.3367, 17.7482
YIQ	156.3770, 80.1860, 22.5700

Conversions

Conversions Part 2

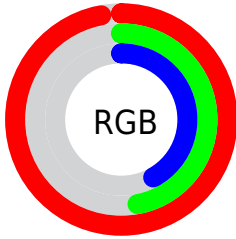
Format	Color
R _Y B	247, 122, 106
Decimal	16218218
CIE Lab	65.23, 47.27, 30.80
CIE LCh	65, 56.420, 33.085
Yxy	34.3367, 0.4781, 0.3440
Android (android.graphics.Color)	4294408298 (0xFFFF7786A)
YUV	156.3770, -24.8359, 79.4764
Hunter-Lab	58.5976, 42.8199, 23.0604

Details

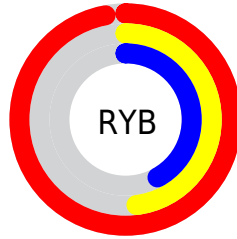
The RYB color **247, 122, 106** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **106, 173, 247**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **255, 179, 157**, and **185, 68, 58** is the 20% darker color. If you saturate the color by 10%, you get **247, 100, 81**, and if you desaturate by 10%, it is **247, 144, 131**.

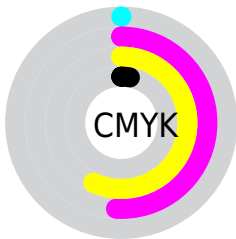
Distribution



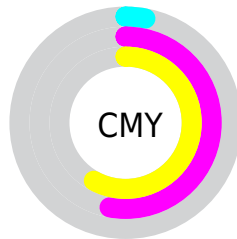
- Red (97%)
- Green (47%)
- Blue (42%)



- Red (97%)
- Yellow (48%)
- Blue (42%)



- Cyan (0%)
- Magenta (51%)
- Yellow (57%)
- Black (3%)



- Cyan (3%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the RYB color 247, 122, 106 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 247, 122, 106 by changing the saturation by 10% instead.

 247, 122, 106

 247, 122, 106

255, 255, 255

 216, 95, 82

 255, 179, 157

 186, 68, 58

 255, 212, 184

 155, 39, 36

 255, 249, 212

 126, 2, 16


 241, 255, 241


 97, 0, 0

 67, 0, 0

 40, 0, 1

 0, 0, 0

 247, 122, 106

 247, 122, 106

■ 247, 100, 81

■ 247, 144, 131

■ 247, 78, 57

■ 247, 166, 155

■ 247, 57, 32

■ 247, 188, 180

■ 247, 35, 7

■ 247, 209, 205

■ 247, 28, 0

■ 247, 231, 229

■ 247, 250, 254

■ 247, 251, 255

Harmonies

Analogous

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



250, 113, 155



247, 122, 106



222, 201, 67

Triad

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



247, 122, 106



52, 140, 180



59, 127, 255

Complementary

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



247, 122, 106



106, 173, 247

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, 103, 248



247, 122, 106



0, 97, 183

Square

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



247, 122, 106



68, 171, 110



0, 98, 212



167, 143, 243

Rectangle

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



247, 122, 106



115, 196, 52



0, 98, 212



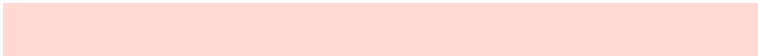
0, 101, 255

Sweetspot

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



247, 122, 106



255, 216, 212



247, 106, 233



128, 105, 102



0, 0, 0



128, 128, 128

Same Dimension

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



247, 122, 106



255, 99, 79



199, 247, 106



122, 111, 110



186, 21, 0



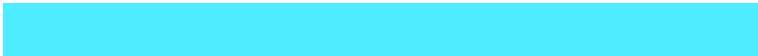
59, 7, 0

Inverse Universe

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



106, 173, 247



79, 162, 255



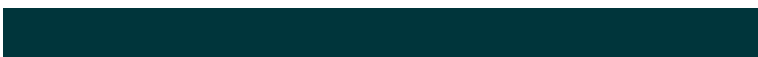
106, 146, 247



110, 116, 122



0, 88, 186



0, 28, 59

Previews

White Background



This preview shows how the RYB color 247, 122, 106 looks on a white background.

Color Contrast Check

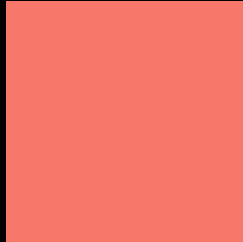
Large Text (above 18pt) WCAG AA × Fail

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 247, 122, 106 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 247, 122, 106 Background



This preview shows how black text looks on a background with the RYB color 247, 122, 106.

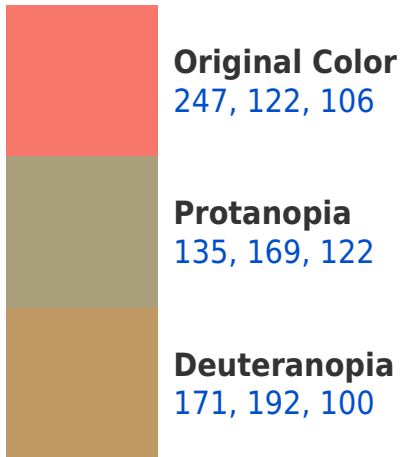



This preview shows how white text looks on a background with the RYB color 247, 122, 106.

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
248, 118, 126

Trichromacy



Original Color

247, 122, 106



Protanomaly

197, 161, 116



Deuteranomaly

212, 160, 102



Tritanomaly

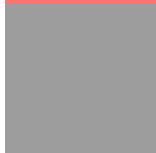
248, 119, 119

Monochromacy



Original Color

247, 122, 106



Achromatopsia

157, 157, 157



Achromatomaly

190, 145, 138

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 122, 106 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(247, 120, 106) looks like.

```
.text, #text, p{  
    color:rgb(247, 120, 106)  
}
```

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(247, 120, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 120, 106) }
```

Border

The CSS property to change the border of an element to RYB 247, 122, 106 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(247, 120, 106) }
```

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

```
.border{ border-color:rgb(247, 120, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 120, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 120, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 120, 106);  
box-shadow:4px 4px 4px 4px rgb(247, 120,  
106) }
```

Background

The CSS property to change the background color of an element to RYB 247, 122, 106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 120, 106) }
```

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

```
.background{ background-color: rgb(247,  
120, 106) }
```

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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