

Converting Colors

RGB(247, 154, 142)

Have a look what the booklet for
RGB(247, 154, 142) contains.

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Color

RGB(247, 154, 142)

Conversions

Conversions Part 1

Format	Color
Hex	F79A8E
RGB	247, 154, 142
RGB Percent	97%, 60%, 56%
CMY	0.0314, 0.3961, 0.4431
CMYK	0.00, 0.38, 0.43, 0.03
HSL	7°, 87%, 76%
HSV	7°, 43%, 97%
XYZ	54.7959, 44.8384, 31.3578
YIQ	180.4390, 59.2800, 15.9840

Conversions

Conversions Part 2

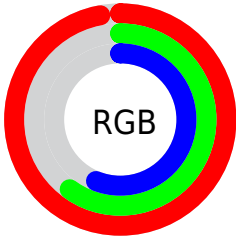
Format	Color
R _Y B	247, 156, 142
Decimal	16226958
CIE Lab	72.79, 33.44, 21.00
CIE LCh	73, 39.492, 32.127
Yxy	44.8384, 0.4183, 0.3423
Android (android.graphics.Color)	4294417038 (0xFFFF79A8E)
YUV	180.4390, -18.9504, 58.3740
Hunter-Lab	66.9614, 28.8875, 19.1077

Details

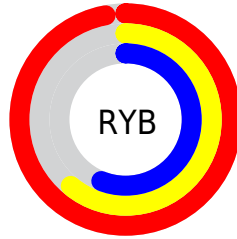
The RGB color **247, 154, 142** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **142, 235, 247**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 209, 196**, and **188, 102, 92** is the 20% darker color. If you saturate the color by 10%, you get **247, 132, 117**, and if you desaturate by 10%, it is **247, 176, 167**.

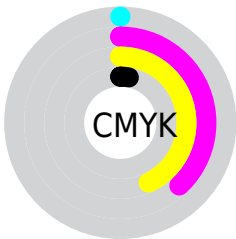
Distribution



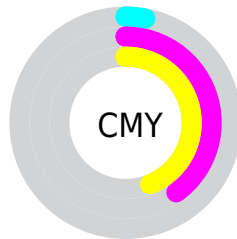
- Red (97%)
- Green (60%)
- Blue (56%)



- Red (97%)
- Yellow (61%)
- Blue (56%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)
- Black (3%)



- Cyan (3%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the RGB color 247, 154, 142 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 RGB color 247, 154, 142 by changing the saturation by 10% instead.

 247, 154, 142

 247, 154, 142

255, 255, 255

 217, 127, 116

 255, 209, 196

 188, 102, 92

 255, 238, 224

 159, 76, 68

255, 255, 252

 131, 52, 46

 103, 27, 25

 76, 0, 0

 50, 0, 0

 6, 0, 0

 0, 0, 0

 247, 154, 142

 247, 154, 142

 247, 132, 117

 247, 176, 167

 247, 110, 93

 247, 198, 191

 247, 88, 68

 247, 220, 216

 247, 66, 43

 247, 242, 241

 247, 45, 19

 247, 255, 255

 247, 28, 0

Harmonies

Analogous

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



247, 150, 177



247, 154, 142



230, 165, 116

Triad

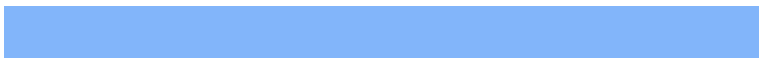
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247, 154, 142



118, 195, 144



130, 181, 250

Complementary

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



247, 154, 142



142, 235, 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.



64, 191, 242



247, 154, 142



67, 198, 180

Square

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



247, 154, 142



162, 188, 116



8, 197, 216



186, 168, 240

Rectangle

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



247, 154, 142



211, 173, 107



8, 197, 216



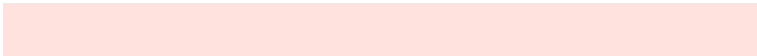
109, 185, 250

Sweetspot

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



247, 154, 142



255, 226, 222



247, 142, 237



128, 109, 107



0, 0, 0



128, 128, 128

Same Dimension

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



247, 154, 142



255, 140, 125



247, 205, 142



122, 112, 110



186, 21, 0



59, 7, 0

Inverse Universe

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



142, 235, 247



125, 240, 255



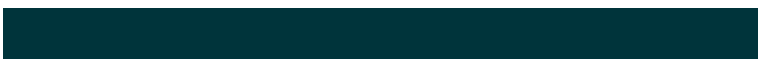
142, 184, 247



110, 121, 122



0, 165, 186



0, 52, 59

Previews

White Background



This preview shows how the RGB color 247, 154, 142 looks on a white background.

Color Contrast Check

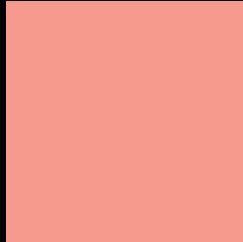
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 247, 154, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

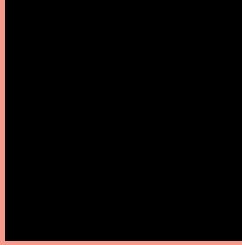
Any Text WCAG AA ✓ Pass

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](#).

RGB 247, 154, 142 Background



This preview shows how black text looks on a background with the RGB color 247, 154, 142.

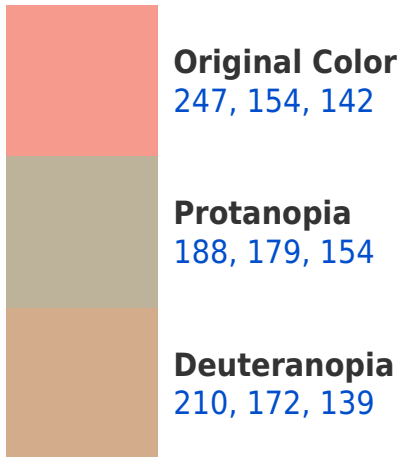


This preview shows how white text looks on a background with the RGB color 247, 154, 142.

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





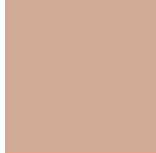
Tritanopia
249, 151, 162

Trichromacy



Original Color

247, 154, 142



Protanomaly

209, 170, 150



Deuteranomaly

223, 165, 140



Tritanomaly

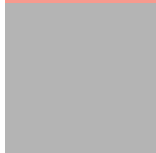
248, 152, 155

Monochromacy



Original Color

247, 154, 142



Achromatopsia

180, 180, 180



Achromatomaly

204, 171, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 247, 154, 142 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, 154, 142) looks like.

```
.text, #text, p{  
    color:rgb(247, 154, 142)  
}
```

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, 154, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 154, 142) }
```

Border

The CSS property to change the border of an element to RGB 247, 154, 142 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, 154, 142) }
```

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

```
.border{ border-color:rgb(247, 154, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 154, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 154, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 154, 142);  
box-shadow:4px 4px 4px 4px rgb(247, 154,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 247, 154, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 154, 142) }
```

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

```
.background{ background-color: rgb(247,  
154, 142) }
```

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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