

Converting Colors

RGB(240, 155, 114)

Have a look what the booklet for
RGB(240, 155, 114) contains.

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Color

RGB(240, 155, 114)

Conversions

Conversions Part 1

Format	Color
Hex	F09B72
RGB	240, 155, 114
RGB Percent	94%, 61%, 45%
CMY	0.0588, 0.3922, 0.5529
CMYK	0.00, 0.35, 0.53, 0.06
HSL	20°, 81%, 69%
HSV	20°, 52%, 94%
XYZ	50.6938, 43.1829, 21.5829
YIQ	175.7410, 63.8210, 5.2690

Conversions

Conversions Part 2

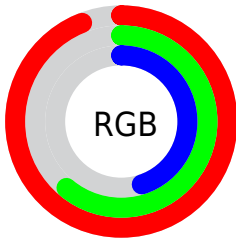
Format	Color
R_{YB}	240, 175, 114
Decimal	15768434
CIE Lab	71.68, 27.56, 34.56
CIE LCh	72, 44.201, 51.428
Yxy	43.1829, 0.4391, 0.3740
Android (android.graphics.Color)	4293958514 (0xFFFF09B72)
YUV	175.7410, -30.4383, 56.3551
Hunter-Lab	65.7137, 22.7021, 26.5265

Details

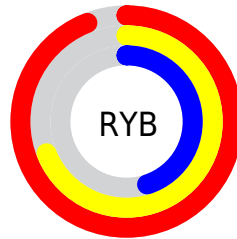
The RGB color **240, 155, 114** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **114, 199, 240**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 210, 166**, and **180, 103, 65** is the 20% darker color. If you saturate the color by 10%, you get **240, 139, 90**, and if you desaturate by 10%, it is **240, 171, 138**.

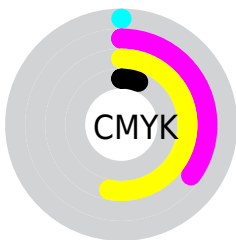
Distribution



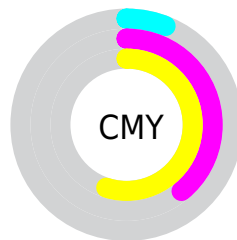
- Red (94%)
- Green (61%)
- Blue (45%)



- Red (94%)
- Yellow (69%)
- Blue (45%)



- Cyan (0%)
- Magenta (35%)
- Yellow (53%)
- Black (6%)





- Cyan (6%)
- Magenta (39%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 240, 155, 114 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 240, 155, 114 by changing the saturation by 10% instead.

 240, 155, 114

 240, 155, 114


255, 255, 255

 210, 129, 89

 255, 210, 166

 180, 103, 65

 255, 238, 194

 151, 78, 42

 255, 255, 222

 123, 55, 20

 255, 255, 251


 95, 31, 0

 68, 7, 0

 44, 0, 0

 0, 0, 0

 240, 155, 114

 240, 155, 114

240, 139, 90

240, 171, 138

240, 123, 66

240, 187, 162

240, 106, 42

240, 204, 186

240, 90, 18

240, 220, 210

240, 78, 0

240, 236, 234

240, 252, 255

240, 255, 255

Harmonies

Analogous

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



253, 145, 148



240, 155, 114



211, 169, 95

Triad

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



240, 155, 114



64, 196, 162



162, 169, 251

Complementary

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



240, 155, 114



114, 199, 240

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.



87, 183, 255



240, 155, 114



0, 196, 204

Square

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



240, 155, 114



125, 191, 124



0, 192, 238



215, 154, 226

Rectangle

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



240, 155, 114



186, 178, 95



0, 192, 238



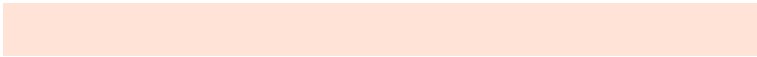
140, 174, 254

Sweetspot

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



240, 155, 114



255, 227, 214



240, 114, 200



128, 111, 103



0, 0, 0



128, 128, 128

Same Dimension

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



240, 155, 114



255, 147, 94



240, 217, 114



120, 112, 108



184, 60, 0



56, 18, 0

Inverse Universe

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



114, 199, 240



94, 203, 255



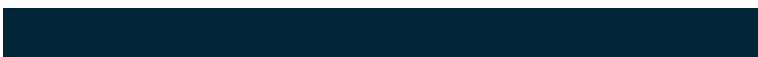
114, 137, 240



108, 116, 120



0, 124, 184



0, 38, 56

Previews

White Background



This preview shows how the RGB color 240, 155, 114 looks on a white background.

Color Contrast Check

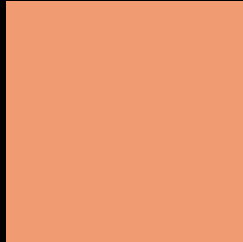
Large Text (above 18pt) WCAG AA × Fail

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 240, 155, 114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

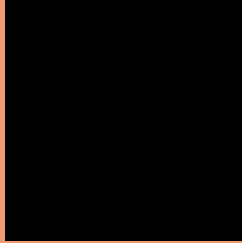
Any Text WCAG AA ✓ Pass

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 240, 155, 114 Background



This preview shows how black text looks on a background with the RGB color 240, 155, 114.

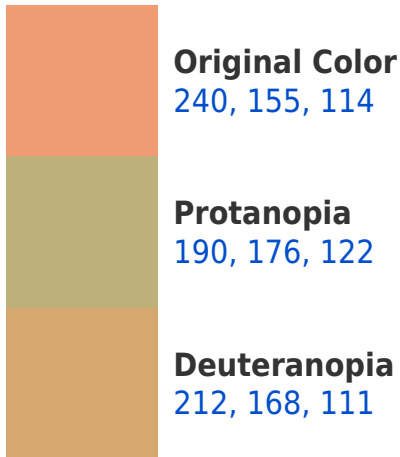


This preview shows how white text looks on a background with the RGB color 240, 155, 114.

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
244, 149, 160

Trichromacy



Original Color

240, 155, 114

Protanomaly

208, 168, 119

Deuteranomaly

222, 163, 112

Tritanomaly

243, 151, 143

Monochromacy



Original Color

240, 155, 114

Achromatopsia

176, 176, 176

Achromatomaly

199, 168, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 240, 155, 114 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(240, 155, 114)` looks like.

```
.text, #text, p{  
    color:rgb(240, 155, 114)  
}
```

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(240, 155, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 155, 114) }
```

Border

The CSS property to change the border of an element to RGB 240, 155, 114 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(240, 155, 114) }
```

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

```
.border{ border-color:rgb(240, 155, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 155, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 155, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 155, 114);  
box-shadow:4px 4px 4px 4px rgb(240, 155,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 240, 155, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 155, 114) }
```

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

```
.background{ background-color: rgb(240,  
155, 114) }
```

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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