

Converting Colors

`RYB(234, 117, 111)`

Have a look what the booklet for
RYB(234, 117, 111) contains.

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Color

$\text{RYB}(234, 117, 111)$

Conversions

Conversions Part 1

Format	Color
Hex	EA756F
RGB	234, 117, 111
RGB Percent	92%, 46%, 44%
CMY	0.0824, 0.5423, 0.5647
CMYK	0.00, 0.50, 0.53, 0.08
HSL	3°, 75%, 68%
HSV	3°, 53%, 92%
XYZ	43.1297, 31.2978, 18.8068
YIQ	151.2990, 71.6580, 22.9380

Conversions

Conversions Part 2

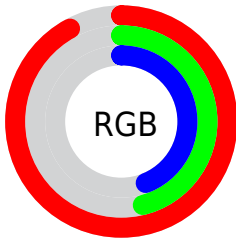
Format	Color
R_{YB}	234, 117, 111
Decimal	15365487
CIE _{Lab}	62.76, 44.75, 24.41
CIE _{LCh}	63, 50.972, 28.611
Yxy	31.2978, 0.4626, 0.3357
Android (android.graphics.Color)	4293555567 (0xFFEA756F)
YUV	151.2990, -19.8674, 72.5288
Hunter-Lab	55.9444, 39.7100, 19.2296

Details

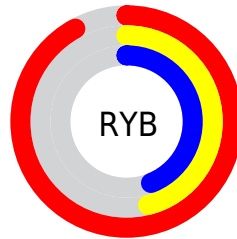
The RYB color **234, 117, 111** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **111, 171, 234**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **255, 172, 163**, and **174, 64, 63** is the 20% darker color. If you saturate the color by 10%, you get **234, 94, 88**, and if you desaturate by 10%, it is **234, 139, 134**.

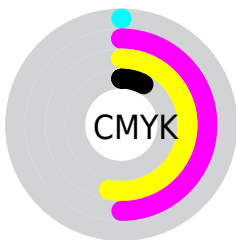
Distribution



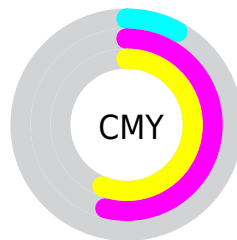
- Red (92%)
- Green (46%)
- Blue (44%)



- Red (92%)
- Yellow (46%)
- Blue (44%)



- Cyan (0%)
- Magenta (50%)
- Yellow (53%)
- Black (8%)




- Cyan (8%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 117, 111 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 234, 117, 111 by changing the saturation by 10% instead.

 234, 117, 111

 234, 117, 111

255, 255, 255

 204, 90, 87

 255, 172, 163

 174, 64, 63

 255, 200, 190

 144, 37, 41

 255, 232, 218

 115, 1, 21


 246, 255, 246


 87, 0, 0

 59, 0, 1

 27, 0, 1

 0, 0, 0

 234, 117, 111

 234, 117, 111

■ 234, 94, 88

■ 234, 139, 134

■ 234, 72, 64

■ 234, 161, 158

■ 234, 50, 41

■ 234, 184, 181

■ 234, 27, 17

■ 234, 206, 205

■ 234, 12, 0

■ 234, 228, 228

■ 234, 243, 251

■ 234, 245, 255

Harmonies

Analogous

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



232, 112, 156



234, 117, 111



214, 172, 75

Triad

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



234, 117, 111



74, 148, 170



49, 118, 242

Complementary

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



234, 117, 111



111, 171, 234

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, 97, 228



234, 117, 111



0, 94, 174

Square

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



234, 117, 111



68, 162, 96



0, 92, 194



150, 141, 232

Rectangle

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



234, 117, 111



138, 192, 60



0, 92, 194



0, 97, 240

Sweetspot

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



234, 117, 111



255, 216, 214



234, 111, 230



128, 104, 103



0, 0, 0



128, 128, 128

Same Dimension

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



234, 117, 111



255, 102, 94



217, 234, 111



117, 106, 106



181, 8, 0



54, 2, 0

Inverse Universe

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



111, 171, 234



94, 173, 255



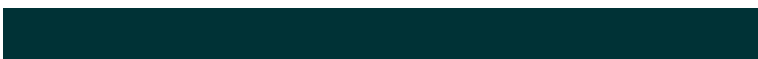
111, 150, 234



106, 112, 117



0, 88, 181



0, 26, 54

Previews

White Background



This preview shows how the RYB color 234, 117, 111 looks on a white background.

Color Contrast Check

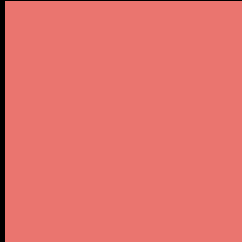
Large Text (above 18pt) WCAG AA × Fail

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 234, 117, 111 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 234, 117, 111 Background



This preview shows how black text looks on a background with the RYB color 234, 117, 111.

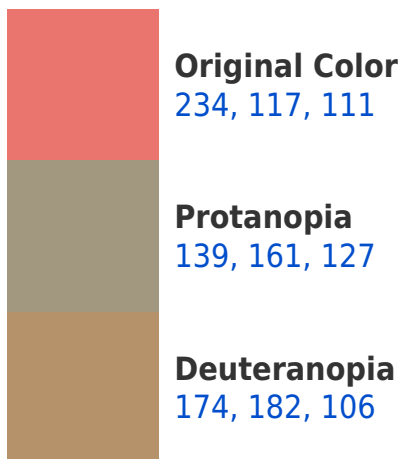



This preview shows how white text looks on a background with the RYB color 234, 117, 111.

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
235, 115, 123

Trichromacy



Original Color
234, 117, 111

Protanomaly
188, 146, 121

Deuteranomaly
201, 146, 108

Tritanomaly
235, 116, 119

Monochromacy



Original Color
234, 117, 111

Achromatopsia
151, 151, 151

Achromatomaly
181, 139, 136

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 117, 111 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(234, 117, 111)` looks like.

```
.text, #text, p{  
    color:rgb(234, 117, 111)  
}
```

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(234, 117, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 117, 111) }
```

Border

The CSS property to change the border of an element to RYB 234, 117, 111 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(234, 117, 111) }
```

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

```
.border{ border-color:rgb(234, 117, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 117, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 117, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 117, 111);  
box-shadow:4px 4px 4px 4px rgb(234, 117,  
111) }
```

Background

The CSS property to change the background color of an element to RGB 234, 117, 111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 117, 111) }
```

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

```
.background{ background-color: rgb(234,  
117, 111) }
```

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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