

Converting Colors

`RYB(239, 166, 158)`

Have a look what the booklet for RYB(239, 166, 158) contains.

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Color

R_YB(239, 166, 158)

Conversions

Conversions Part 1

Format	Color
Hex	EFA59E
RGB	239, 165, 158
RGB Percent	94%, 65%, 62%
CMY	0.0627, 0.3518, 0.3804
CMYK	0.00, 0.31, 0.34, 0.06
HSL	5°, 72%, 78%
HSV	5°, 34%, 94%
XYZ	55.2740, 47.8311, 38.6668
YIQ	186.3280, 46.3510, 13.5110

Conversions

Conversions Part 2

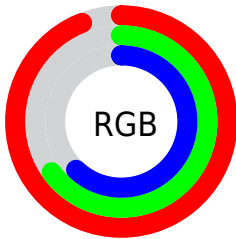
Format	Color
R_{YB}	239, 166, 158
Decimal	15705502
CIE _{Lab}	74.72, 26.32, 14.78
CIE _{LCh}	75, 30.186, 29.317
Yxy	47.8311, 0.3899, 0.3374
Android (android.graphics.Color)	4293895582 (0xFFEFA59E)
YUV	186.3280, -13.9657, 46.1933
Hunter-Lab	69.1600, 21.6307, 15.2634

Details

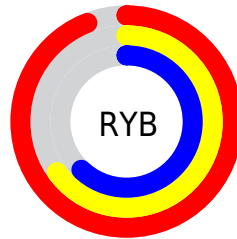
The RYB color **239, 166, 158** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **158, 197, 239**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 221, 213**, and **181, 114, 107** is the 20% darker color. If you saturate the color by 10%, you get **239, 145, 134**, and if you desaturate by 10%, it is **239, 187, 182**.

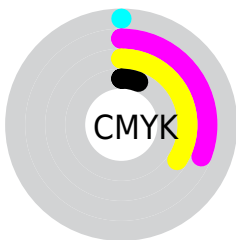
Distribution



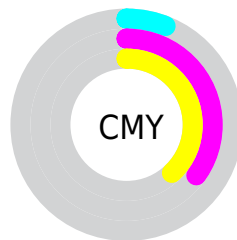
- Red (94%)
- Green (65%)
- Blue (62%)



- Red (94%)
- Yellow (65%)
- Blue (62%)



- Cyan (0%)
- Magenta (31%)
- Yellow (34%)
- Black (6%)




- Cyan (6%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 239, 166, 158 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 239, 166, 158 by changing the saturation by 10% instead.


 239, 166, 158


255, 255, 255

 255, 223, 213

 252, 255, 241

 239, 166, 158


 210, 140, 132

 181, 114, 107

 153, 89, 82

 126, 64, 59

 99, 40, 38

 73, 17, 17

 48, 0, 0

 9, 0, 0

 0, 0, 0

■ 239, 166, 158

■ 239, 166, 158

■ 239, 145, 134

■ 239, 187, 182

■ 239, 123, 110

■ 239, 209, 206

■ 239, 101, 86

■ 239, 231, 230

■ 239, 80, 62

■ 239, 246, 254

■ 239, 59, 39

■ 239, 247, 255

■ 239, 37, 15

■ 239, 23, 0

Harmonies

Analogous

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



237, 163, 186



239, 166, 158



227, 194, 137

Triad

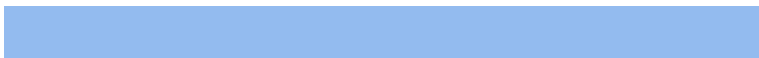
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239, 166, 158



143, 186, 196



147, 175, 239

Complementary

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



239, 166, 158



158, 197, 239

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.



111, 160, 231



239, 166, 158



113, 161, 199

Square

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



239, 166, 158



135, 190, 150



97, 151, 210



187, 177, 232

Rectangle

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



239, 166, 158



188, 213, 130



97, 151, 210



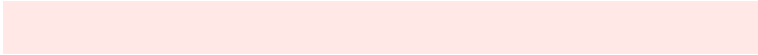
134, 170, 238

Sweetspot

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



239, 166, 158



255, 232, 230



239, 158, 232



128, 114, 112



0, 0, 0



128, 128, 128

Same Dimension

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



239, 166, 158



255, 161, 150



217, 239, 158



120, 109, 108



184, 19, 0



56, 5, 0

Inverse Universe

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



158, 197, 239



150, 200, 255



158, 182, 239



108, 114, 120



0, 88, 184



0, 27, 56

Previews

White Background



This preview shows how the RYB color 239, 166, 158 looks on a white background.

Color Contrast Check

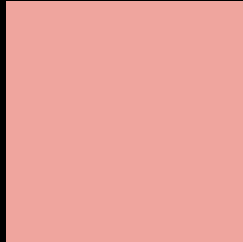
Large Text (above 18pt) WCAG AA × Fail

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 239, 166, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

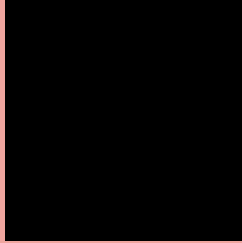
Any Text WCAG AA ✓ Pass

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 239, 166, 158 Background



This preview shows how black text looks on a background with the RYB color 239, 166, 158.



This preview shows how white text looks on a background with the RYB color 239, 166, 158.

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



Original Color
239, 166, 158

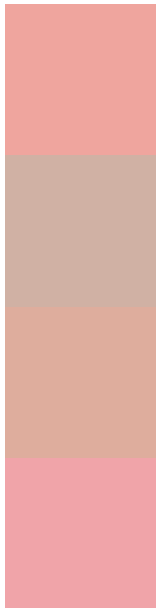
Protanopia
177, 191, 167

Deuteranopia
212, 190, 156



Tritanopia
241, 163, 175

Trichromacy



Original Color
239, 166, 158

Protanomaly
208, 182, 164

Deuteranomaly
222, 178, 157

Tritanomaly
240, 164, 169

Monochromacy



Original Color
239, 166, 158

Achromatopsia
186, 186, 186

Achromatomaly
205, 178, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 239, 166, 158 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(239, 165, 158) looks like.

```
.text, #text, p{  
    color:rgb(239, 165, 158)  
}
```

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(239, 165, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 165, 158) }
```

Border

The CSS property to change the border of an element to RYB 239, 166, 158 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(239, 165, 158) }
```

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

```
.border{ border-color:rgb(239, 165, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 165, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 165, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 165, 158);  
box-shadow:4px 4px 4px 4px rgb(239, 165,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 239, 166, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 165, 158) }
```

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

```
.background{ background-color: rgb(239,  
165, 158) }
```

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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