

Converting Colors

`RYB(239, 156, 156)`

Have a look what the booklet for
RYB(239, 156, 156) contains.

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Color

R_YB(239, 156, 156)

Conversions

Conversions Part 1

Format	Color
Hex	EF9C9C
RGB	239, 156, 156
RGB Percent	94%, 61%, 61%
CMY	0.0627, 0.3882, 0.3882
CMYK	0.00, 0.35, 0.35, 0.06
HSL	0°, 72%, 77%
HSV	0°, 35%, 94%
XYZ	53.4858, 44.5280, 37.2282
YIQ	180.8170, 49.4680, 17.5960

Conversions

Conversions Part 2

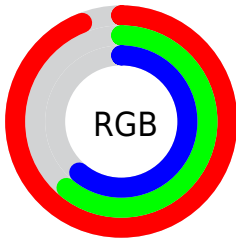
Format	Color
R _Y B	239, 156, 156
Decimal	15703196
CIE Lab	72.58, 30.99, 12.87
CIE LCh	73, 33.554, 22.559
Yxy	44.5280, 0.3955, 0.3292
Android (android.graphics.Color)	4293893276 (0xFFEF9C9C)
YUV	180.8170, -12.2348, 51.0265
Hunter-Lab	66.7293, 26.2977, 13.6326

Details

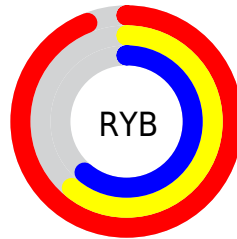
The RYB color **239, 156, 156** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **156, 198, 239**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 211, 210**, and **181, 104, 105** is the 20% darker color. If you saturate the color by 10%, you get **239, 132, 132**, and if you desaturate by 10%, it is **239, 180, 180**.

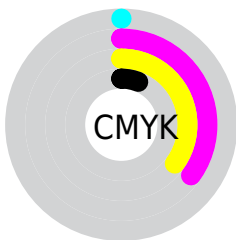
Distribution



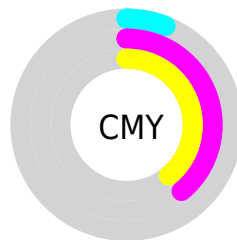
- Red (94%)
- Green (61%)
- Blue (61%)



- Red (94%)
- Yellow (61%)
- Blue (61%)



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




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

Brightness & Saturation Gradients


These gradients show how the RYB color 239, 156, 156 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, 156, 156 by changing the saturation by 10% instead.


 239, 156, 156

 239, 156, 156

255, 255, 255

 210, 129, 130

 255, 211, 210

 181, 104, 105

 255, 240, 239

 153, 79, 81

 125, 54, 58


 98, 30, 36

 72, 4, 16

 48, 0, 0


 0, 0, 0

 239, 156, 156

 239, 156, 156

 239, 132, 132

 239, 180, 180

 239, 108, 108

 239, 204, 204

 239, 84, 84

 239, 228, 228

 239, 60, 60

 239, 246, 252

 239, 37, 37

 239, 247, 255

 239, 13, 13

 239, 0, 0

Harmonies

Analogous

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



233, 156, 187



239, 156, 156



229, 180, 130

Triad

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



239, 156, 156



140, 191, 191



125, 163, 238

Complementary

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



239, 156, 156



156, 198, 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.



83, 145, 226



239, 156, 156



104, 156, 194

Square

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



239, 156, 156



121, 183, 129



75, 136, 200



171, 173, 235

Rectangle

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



239, 156, 156



206, 215, 120



75, 136, 200



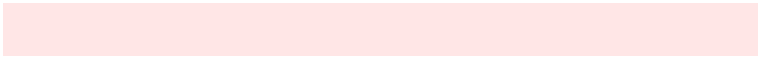
109, 157, 236

Sweetspot

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



239, 156, 156



255, 230, 230



239, 156, 239



128, 112, 112



0, 0, 0



128, 128, 128

Same Dimension

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



239, 156, 156



255, 148, 148



239, 237, 156



120, 108, 108



184, 0, 0



56, 0, 0

Inverse Universe

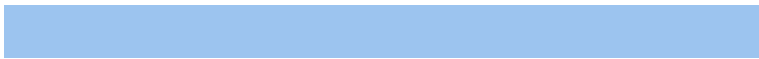
The Inverse Universe completely reimagines the original color for something new.



156, 198, 239



148, 202, 255



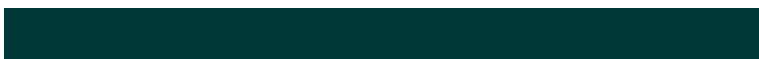
156, 183, 239



108, 114, 120



0, 92, 184



0, 28, 56

Previews

White Background



This preview shows how the RYB color 239, 156, 156 looks on a white background.

Color Contrast Check

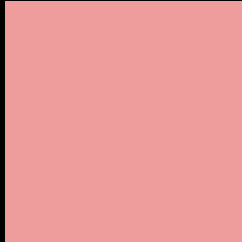
Large Text (above 18pt) WCAG AA × Fail

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, 156, 156 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, 156, 156 Background



This preview shows how black text looks on a background with the RYB color 239, 156, 156.

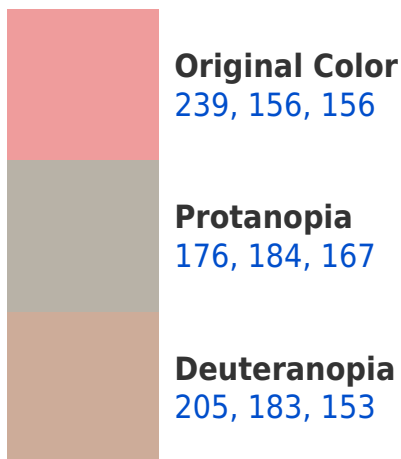


This preview shows how white text looks on a background with the RYB color 239, 156, 156.

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
240, 154, 166

Trichromacy



Original Color

239, 156, 156



Protanomaly

204, 171, 163



Deuteranomaly

217, 169, 154



Tritanomaly

240, 155, 162

Monochromacy



Original Color

239, 156, 156



Achromatopsia

181, 181, 181



Achromatomaly

202, 172, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 239, 156, 156 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, 156, 156)` looks like.

```
.text, #text, p{  
    color:rgb(239, 156, 156)  
}
```

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, 156, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 156, 156) }
```

Border

The CSS property to change the border of an element to RYB 239, 156, 156 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, 156, 156) }
```

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

```
.border{ border-color:rgb(239, 156, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 156, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 156, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 156, 156);  
box-shadow:4px 4px 4px 4px rgb(239, 156,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 239, 156, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 156, 156) }
```

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

```
.background{ background-color: rgb(239,  
156, 156) }
```

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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