

Converting Colors

`RYB(237, 159, 171)`

Have a look what the booklet for
RYB(237, 159, 171) contains.

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Color

R_YB(237, 159, 171)

Conversions

Conversions Part 1

Format	Color
Hex	ED9FAB
RGB	237, 159, 171
RGB Percent	93%, 62%, 67%
CMY	0.0706, 0.3765, 0.3294
CMYK	0.00, 0.33, 0.28, 0.07
HSL	351°, 68%, 78%
HSV	351°, 33%, 93%
XYZ	54.6739, 45.7411, 44.4754
YIQ	183.6900, 42.6360, 20.2680

Conversions

Conversions Part 2

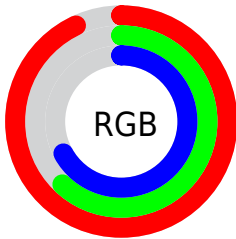
Format	Color
R _Y B	237, 159, 171
Decimal	15572907
CIE Lab	73.38, 30.58, 5.70
CIE LCh	73, 31.112, 10.565
Yxy	45.7411, 0.3773, 0.3157
Android (android.graphics.Color)	4293762987 (0xFFED9FAB)
YUV	183.6900, -6.2562, 46.7529
Hunter-Lab	67.6321, 25.9433, 8.3530

Details

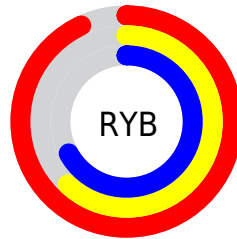
The RYB color **237, 159, 171** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **159, 201, 237**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **255, 214, 226**, and **179, 107, 119** is the 20% darker color. If you saturate the color by 10%, you get **237, 135, 151**, and if you desaturate by 10%, it is **237, 183, 191**.

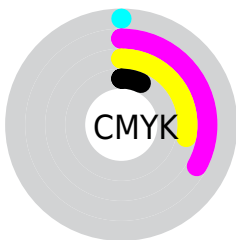
Distribution



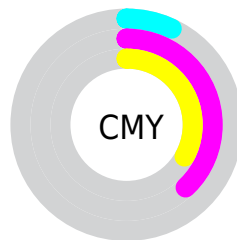
- Red (93%)
- Green (62%)
- Blue (67%)



- Red (93%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (33%)
- Yellow (28%)
- Black (7%)




- Cyan (7%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RYB color 237, 159, 171 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 237, 159, 171 by changing the saturation by 10% instead.

 237, 159, 171

 237, 159, 171

255, 255, 255

 208, 132, 145

 255, 214, 226

 179, 107, 119

 255, 243, 255

 152, 82, 94

 124, 57, 71

 98, 33, 48

 72, 8, 28

 49, 0, 0

 5, 0, 0

 0, 0, 0

■ 237, 159, 171

■ 237, 159, 171

■ 237, 135, 151

■ 237, 183, 191

■ 237, 112, 131

■ 237, 206, 211

■ 237, 88, 111

■ 237, 230, 231

■ 237, 64, 91

■ 237, 246, 254

■ 237, 40, 71

■ 237, 246, 255

■ 237, 17, 51

■ 237, 0, 36

Harmonies

Analogous

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



225, 161, 200



237, 159, 171



233, 168, 144

Triad

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



237, 159, 171



136, 190, 167



117, 161, 233

Complementary

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



237, 159, 171



159, 201, 237

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.



90, 147, 216



237, 159, 171



125, 172, 195

Square

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



237, 159, 171



133, 190, 124



97, 148, 196



158, 175, 236

Rectangle

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



237, 159, 171



223, 196, 131



97, 148, 196



105, 156, 229

Sweetspot

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



237, 159, 171



255, 230, 233



224, 159, 237



128, 112, 115



0, 0, 0



128, 128, 128

Same Dimension

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



237, 159, 171



255, 156, 171



237, 198, 159



117, 106, 107



181, 0, 28



54, 0, 8

Inverse Universe

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



237, 159, 171



255, 156, 171



159, 190, 237



117, 106, 107



181, 0, 28



54, 0, 8

Previews

White Background



This preview shows how the RYB color 237, 159, 171 looks on a white background.

Color Contrast Check

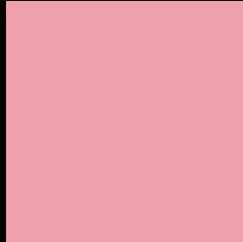
Large Text (above 18pt) WCAG AA × Fail

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 237, 159, 171 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 237, 159, 171 Background



This preview shows how black text looks on a background with the RYB color 237, 159, 171.

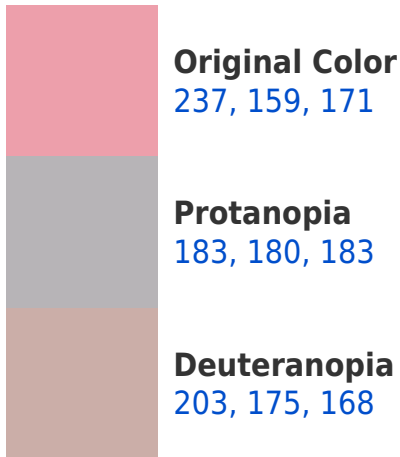


This preview shows how white text looks on a background with the RYB color 237, 159, 171.

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
237, 159, 171

Trichromacy



Original Color

237, 159, 171



Protanomaly

203, 172, 179



Deuteranomaly

215, 169, 169



Tritanomaly

237, 159, 171

Monochromacy



Original Color

237, 159, 171



Achromatopsia

184, 184, 184



Achromatomaly

203, 175, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 159, 171 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(237, 159, 171) looks like.

```
.text, #text, p{  
    color:rgb(237, 159, 171)  
}
```

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(237, 159, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 159, 171) }
```

Border

The CSS property to change the border of an element to RYB 237, 159, 171 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(237, 159, 171) }
```

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

```
.border{ border-color:rgb(237, 159, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 159, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 159, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 159, 171);  
box-shadow:4px 4px 4px 4px rgb(237, 159,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 237, 159, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 159, 171) }
```

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

```
.background{ background-color: rgb(237,  
159, 171) }
```

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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