

Converting Colors

`RYB(239, 171, 175)`

Have a look what the booklet for RYB(239, 171, 175) contains.

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Color

R_YB(239, 171, 175)

Conversions

Conversions Part 1

Format	Color
Hex	EFABAF
RGB	239, 171, 175
RGB Percent	94%, 67%, 69%
CMY	0.0627, 0.3294, 0.3137
CMYK	0.00, 0.28, 0.27, 0.06
HSL	356°, 68%, 80%
HSV	356°, 28%, 94%
XYZ	57.8974, 50.5717, 47.2672
YIQ	191.7880, 39.2440, 15.6600

Conversions

Conversions Part 2

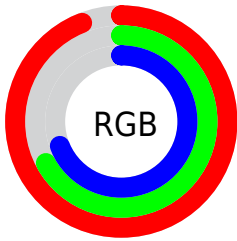
Format	Color
R _Y B	239, 171, 175
Decimal	15707055
CIE _{Lab}	76.42, 25.49, 7.91
CIE _{LCh}	76, 26.689, 17.232
Y _{xy}	50.5717, 0.3718, 0.3247
Android (android.graphics.Color)	4293897135 (0xFFEFABAF)
Y _{UV}	191.7880, -8.2765, 41.4049
Hunter-Lab	71.1138, 20.8769, 10.3713

Details

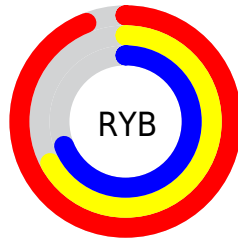
The RYB color **239, 171, 175** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **171, 206, 239**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 227, 230**, and **182, 118, 123** is the 20% darker color. If you saturate the color by 10%, you get **239, 147, 153**, and if you desaturate by 10%, it is **239, 195, 197**.

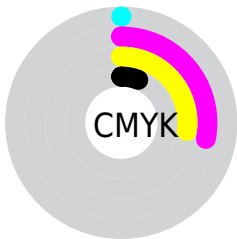
Distribution



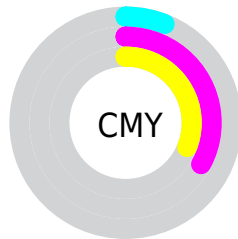
- Red (94%)
- Green (67%)
- Blue (69%)



- Red (94%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (28%)
- Yellow (27%)
- Black (6%)




- Cyan (6%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the RYB color 239, 171, 175 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, 171, 175 by changing the saturation by 10% instead.


 239, 171, 175

 239, 171, 175

255, 255, 255


 210, 144, 148


 255, 227, 230

 182, 118, 123

 154, 93, 98

 127, 69, 74

 101, 45, 52

 75, 23, 31

 51, 0, 5

 22, 0, 0


 0, 0, 0

 239, 171, 175

 239, 171, 175

 239, 147, 153

 239, 195, 197

 239, 123, 130

 239, 219, 220

 239, 99, 108

 239, 241, 243

 239, 75, 85

 239, 247, 255

 239, 51, 63

 239, 28, 40

 239, 4, 18

 239, 0, 14

Harmonies

Analogous

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



231, 172, 200



239, 171, 175



233, 185, 153

Triad

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



239, 171, 175



154, 198, 188



144, 176, 236

Complementary

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



239, 171, 175



171, 206, 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.



120, 165, 224



239, 171, 175



137, 177, 202

Square

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



239, 171, 175



142, 192, 141



118, 160, 202



178, 185, 235

Rectangle

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



239, 171, 175



223, 214, 144



118, 160, 202



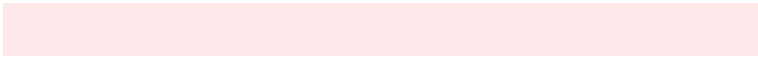
134, 172, 233

Sweetspot

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



239, 171, 175



255, 232, 233



234, 171, 239



128, 113, 114



0, 0, 0



128, 128, 128

Same Dimension

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



239, 171, 175



255, 168, 173



239, 222, 171



120, 108, 109



184, 0, 11



56, 0, 3

Inverse Universe

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



239, 171, 175



255, 168, 173



171, 196, 239



120, 108, 109



184, 0, 11



56, 0, 3

Previews

White Background



This preview shows how the RYB color 239, 171, 175 looks on a white background.

Color Contrast Check

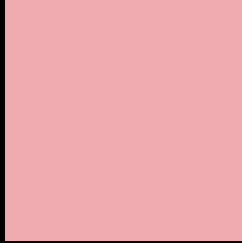
Large Text (above 18pt) WCAG AA × Fail

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, 171, 175 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, 171, 175 Background



This preview shows how black text looks on a background with the RYB color 239, 171, 175.

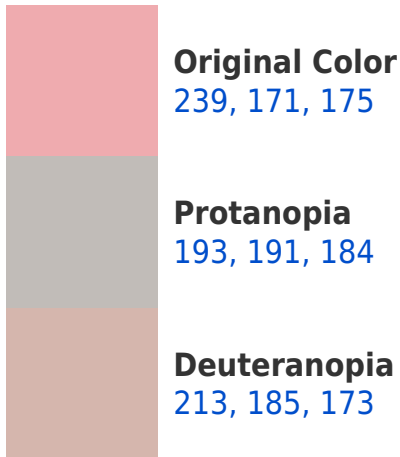



This preview shows how white text looks on a background with the RYB color 239, 171, 175.

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](#).

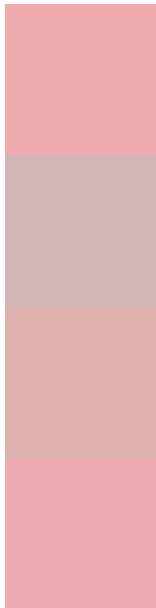
Dichromacy





Tritanopia
240, 170, 183

Trichromacy



Original Color

239, 171, 175

Protanomaly

210, 182, 181

Deuteranomaly

222, 178, 174

Tritanomaly

240, 170, 180

Monochromacy



Original Color

239, 171, 175

Achromatopsia

192, 192, 192

Achromatomaly

209, 184, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 239, 171, 175 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, 171, 175)` looks like.

```
.text, #text, p{  
    color:rgb(239, 171, 175)  
}
```

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, 171, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 171, 175) }
```

Border

The CSS property to change the border of an element to RYB 239, 171, 175 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, 171, 175) }
```

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

```
.border{ border-color:rgb(239, 171, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 171, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 171, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 171, 175);  
box-shadow:4px 4px 4px 4px rgb(239, 171,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 239, 171, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 171, 175) }
```

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

```
.background{ background-color: rgb(239,  
171, 175) }
```

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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