

Converting Colors

`RYB(239, 161, 187)`

Have a look what the booklet for RYB(239, 161, 187) contains.

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Color

`RYB(239, 161, 187)`

Conversions

Conversions Part 1

Format	Color
Hex	EFA1BB
RGB	239, 161, 187
RGB Percent	94%, 63%, 73%
CMY	0.0627, 0.3686, 0.2667
CMYK	0.00, 0.33, 0.22, 0.06
HSL	340°, 71%, 78%
HSV	340°, 33%, 94%
XYZ	57.3111, 47.4283, 53.1477
YIQ	187.2860, 38.1420, 24.6220

Conversions

Conversions Part 2

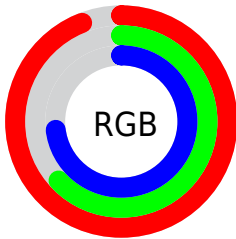
Format	Color
R _Y B	239, 161, 187
Decimal	15704507
CIE Lab	74.46, 32.49, -1.50
CIE LCh	74, 32.521, 357.353
Yxy	47.4283, 0.3630, 0.3004
Android (android.graphics.Color)	4293894587 (0xFFEFA1BB)
YUV	187.2860, -0.1410, 45.3532
Hunter-Lab	68.8682, 28.0257, 2.4519

Details

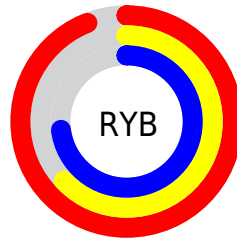
The RYB color **239, 161, 187** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **161, 208, 239**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 217, 243**, and **182, 108, 134** is the 20% darker color. If you saturate the color by 10%, you get **239, 137, 171**, and if you desaturate by 10%, it is **239, 185, 203**.

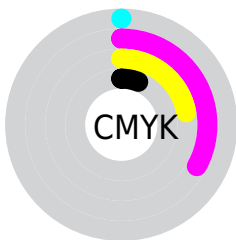
Distribution



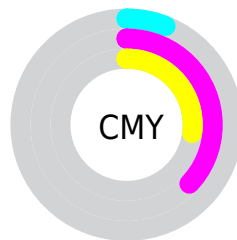
- Red (94%)
- Green (63%)
- Blue (73%)



- Red (94%)
- Yellow (63%)
- Blue (73%)



- Cyan (0%)
- Magenta (33%)
- Yellow (22%)
- Black (6%)




- Cyan (6%)
- Magenta (37%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 239, 161, 187 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, 161, 187 by changing the saturation by 10% instead.


 239, 161, 187

 239, 161, 187

255, 255, 255

 210, 134, 160

 255, 217, 243

 182, 108, 134

 255, 245, 255

 154, 83, 109

 127, 59, 84

 100, 35, 61

 75, 8, 40

 51, 0, 19

 20, 0, 0

 0, 0, 0

■ 239, 161, 187

■ 239, 161, 187

■ 239, 137, 171

■ 239, 185, 203

■ 239, 113, 155

■ 239, 209, 219

■ 239, 89, 139

■ 239, 233, 235

■ 239, 65, 123

■ 239, 248, 255

■ 239, 42, 107

■ 239, 247, 255

■ 239, 18, 91

■ 239, 0, 80

Harmonies

Analogous

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



219, 166, 216



239, 161, 187



242, 163, 157

Triad

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



239, 161, 187



129, 190, 144



99, 155, 233

Complementary

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



239, 161, 187



161, 208, 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.



85, 145, 210



239, 161, 187



141, 188, 196

Square

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



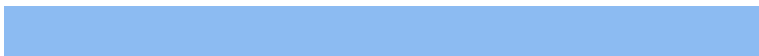
239, 161, 187



163, 207, 123



107, 159, 199



140, 172, 242

Rectangle

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



239, 161, 187



236, 178, 140



107, 159, 199



90, 150, 226

Sweetspot

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



239, 161, 187



255, 230, 238



213, 161, 239



128, 112, 117



0, 0, 0



128, 128, 128

Same Dimension

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



239, 161, 187



255, 156, 189



239, 177, 161



120, 108, 112



184, 0, 61



56, 0, 19

Inverse Universe

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



239, 161, 187



255, 156, 189



161, 196, 239



120, 108, 112



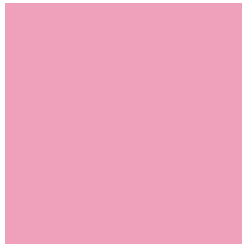
184, 0, 61



56, 0, 19

Previews

White Background



This preview shows how the RYB color 239, 161, 187 looks on a white background.

Color Contrast Check

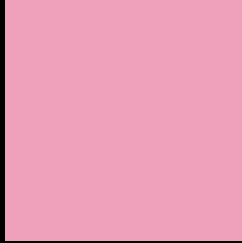
Large Text (above 18pt) WCAG AA × Fail

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, 161, 187 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, 161, 187 Background



This preview shows how black text looks on a background with the RYB color 239, 161, 187.

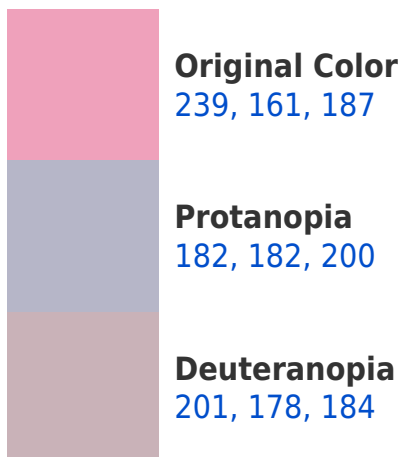


This preview shows how white text looks on a background with the RYB color 239, 161, 187.

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
238, 163, 175

Trichromacy



Original Color

239, 161, 187



Protanomaly

203, 174, 195



Deuteranomaly

215, 172, 185



Tritanomaly

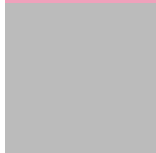
238, 162, 179

Monochromacy



Original Color

239, 161, 187



Achromatopsia

187, 187, 187



Achromatomaly

206, 178, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 239, 161, 187 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, 161, 187) looks like.

```
.text, #text, p{  
    color:rgb(239, 161, 187)  
}
```

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, 161, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 161, 187) }
```

Border

The CSS property to change the border of an element to RYB 239, 161, 187 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, 161, 187) }
```

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

```
.border{ border-color:rgb(239, 161, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 161, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 161, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 161, 187);  
box-shadow:4px 4px 4px 4px rgb(239, 161,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 239, 161, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 161, 187) }
```

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

```
.background{ background-color: rgb(239,  
161, 187) }
```

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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