

Converting Colors

`RYB(234, 159, 201)`

Have a look what the booklet for
RYB(234, 159, 201) contains.

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Color

R_YB(234, 159, 201)

Conversions

Conversions Part 1

Format	Color
Hex	EA9FC9
RGB	234, 159, 201
RGB Percent	92%, 62%, 79%
CMY	0.0824, 0.3765, 0.2118
CMYK	0.00, 0.32, 0.14, 0.08
HSL	326°, 64%, 77%
HSV	326°, 32%, 92%
XYZ	56.8724, 46.5057, 61.2373
YIQ	186.2130, 31.2180, 28.9620

Conversions

Conversions Part 2

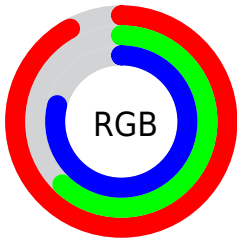
Format	Color
RYB	234, 159, 201
Decimal	15376329
CIELab	73.87, 33.95, -10.14
CIElCh	74, 35.431, 343.378
Yxy	46.5057, 0.3455, 0.2825
Android (android.graphics.Color)	4293566409 (0xFFEA9FC9)
YUV	186.2130, 7.2900, 41.9092
Hunter-Lab	68.1951, 29.5215, -5.5042

Details

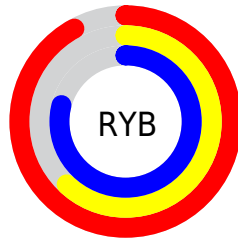
The RYB color **234, 159, 201** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **159, 211, 234**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 214, 255**, and **177, 106, 147** is the 20% darker color. If you saturate the color by 10%, you get **234, 136, 191**, and if you desaturate by 10%, it is **234, 182, 211**.

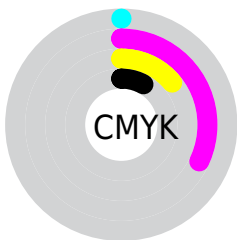
Distribution



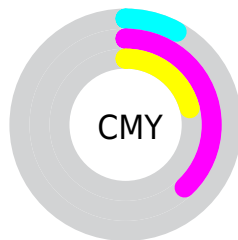
- Red (92%)
- Green (62%)
- Blue (79%)



- Red (92%)
- Yellow (62%)
- Blue (79%)



- Cyan (0%)
- Magenta (32%)
- Yellow (14%)
- Black (8%)



- Cyan (8%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 159, 201 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 234, 159, 201 by changing the saturation by 10% instead.


 234, 159, 201

 234, 159, 201

255, 255, 255

 205, 132, 174

 255, 214, 255

 177, 106, 147

 255, 243, 255

 150, 81, 121

 123, 57, 96


 97, 32, 73


 72, 5, 50


 48, 0, 29

 18, 0, 0

 0, 0, 0

 234, 159, 201

 234, 159, 201

 234, 136, 191


 234, 182, 211

 234, 112, 180

 234, 206, 222

 234, 89, 170


 234, 229, 232

 234, 65, 160

 234, 247, 253

 234, 42, 150

 234, 245, 255

 234, 19, 139

 234, 245, 255

 234, 0, 131

Harmonies

Analogous

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



204, 168, 229



234, 159, 201



246, 157, 168

Triad

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



234, 159, 201



123, 189, 118



69, 139, 225

Complementary

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



234, 159, 201



159, 211, 234

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.



77, 139, 199



234, 159, 201



133, 193, 173

Square

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



234, 159, 201



209, 220, 120



114, 167, 198



108, 159, 243

Rectangle

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



234, 159, 201



244, 162, 147



114, 167, 198



65, 136, 216

Sweetspot

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



234, 159, 201



255, 230, 244



192, 159, 234



128, 112, 121



0, 0, 0



128, 128, 128

Same Dimension

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



234, 159, 201



255, 158, 212



234, 159, 164



117, 106, 112



181, 0, 101



54, 0, 30

Inverse Universe

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



234, 159, 201



255, 158, 212



159, 198, 234



117, 106, 112



181, 0, 101



54, 0, 30

Previews

White Background



This preview shows how the RYB color 234, 159, 201 looks on a white background.

Color Contrast Check

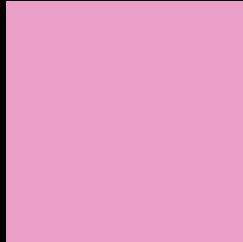
Large Text (above 18pt) WCAG AA × Fail

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 234, 159, 201 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 234, 159, 201 Background



This preview shows how black text looks on a background with the RYB color 234, 159, 201.

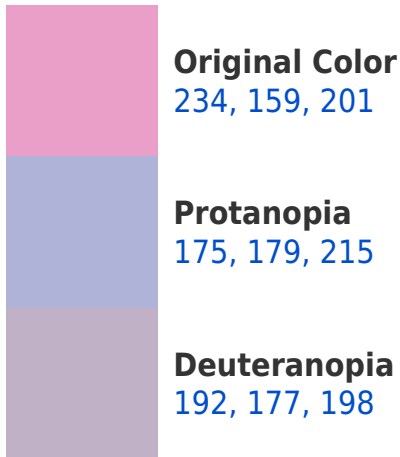



This preview shows how white text looks on a background with the RYB color 234, 159, 201.

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
231, 163, 176

Trichromacy



Original Color

234, 159, 201



Protanomaly

196, 172, 210



Deuteranomaly

207, 170, 199



Tritanomaly

232, 162, 185

Monochromacy



Original Color

234, 159, 201



Achromatopsia

186, 186, 186



Achromatomaly

203, 176, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 159, 201 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(234, 159, 201) looks like.

```
.text, #text, p{  
    color:rgb(234, 159, 201)  
}
```

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(234, 159, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 159, 201) }
```

Border

The CSS property to change the border of an element to RYB 234, 159, 201 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(234, 159, 201) }
```

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

```
.border{ border-color:rgb(234, 159, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 159, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 159, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 159, 201);  
box-shadow:4px 4px 4px 4px rgb(234, 159,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 234, 159, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 159, 201) }
```

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

```
.background{ background-color: rgb(234,  
159, 201) }
```

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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