

Converting Colors

`RYB(234, 149, 169)`

Have a look what the booklet for
RYB(234, 149, 169) contains.

RYB(234, 149, 169)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(234, 149, 169)`

Conversions

Conversions Part 1

Format	Color
Hex	EA95A9
RGB	234, 149, 169
RGB Percent	92%, 58%, 66%
CMY	0.0824, 0.4157, 0.3373
CMYK	0.00, 0.36, 0.28, 0.08
HSL	346°, 67%, 75%
HSV	346°, 36%, 92%
XYZ	51.8406, 41.8519, 42.8820
YIQ	176.6950, 44.2400, 24.2400

Conversions

Conversions Part 2

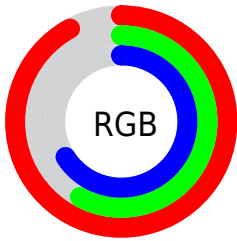
Format	Color
RYB	234, 149, 169
Decimal	15373737
CIELab	70.77, 34.52, 3.00
CIElCh	71, 34.648, 4.969
Yxy	41.8519, 0.3796, 0.3064
Android (android.graphics.Color)	4293563817 (0xFFEA95A9)
YUV	176.6950, -3.7936, 50.2565
Hunter-Lab	64.6930, 29.8248, 5.9845

Details

The RYB color **234, 149, 169** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **149, 197, 234**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 204, 224**, and **176, 97, 117** is the 20% darker color. If you saturate the color by 10%, you get **234, 126, 151**, and if you desaturate by 10%, it is **234, 172, 187**.

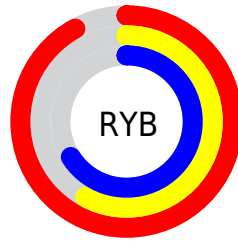
Distribution



Red (92%)

Green (58%)

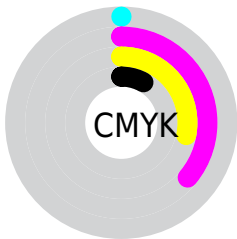
Blue (66%)



Red (92%)

Yellow (58%)

Blue (66%)

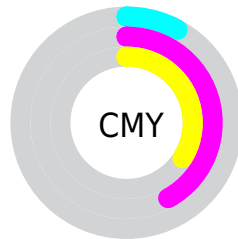


Cyan (0%)

Magenta (36%)

Yellow (28%)

Black (8%)



Cyan (8%)

Magenta (42%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 149, 169 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, 149, 169 by changing the saturation by 10% instead.

 234, 149, 169

 234, 149, 169

255, 255, 255


 205, 123, 143

 255, 204, 224

 176, 97, 117

 255, 233, 253

 148, 72, 92


 121, 47, 69


 95, 22, 47


 68, 0, 26

 47, 0, 1

 0, 0, 0

 234, 149, 169

 234, 149, 169

 234, 126, 151

 234, 172, 187

 234, 102, 133

 234, 196, 205

 234, 79, 115

 234, 219, 223

 234, 55, 97

 234, 239, 243

 234, 32, 80

 234, 245, 255

 234, 9, 62

 234, 0, 55

Harmonies

Analogous

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



218, 153, 200



234, 149, 169



233, 155, 139

Triad

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



234, 149, 169



121, 182, 147



88, 145, 229

Complementary

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



234, 149, 169



149, 197, 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.



59, 128, 208



234, 149, 169



118, 169, 188

Square

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



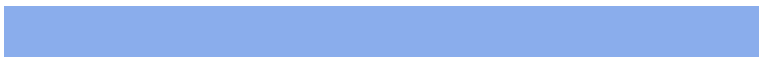
234, 149, 169



130, 189, 110



80, 138, 190



138, 164, 236

Rectangle

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



234, 149, 169



223, 179, 123



80, 138, 190



74, 138, 224

Sweetspot

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



234, 149, 169



255, 227, 234



213, 149, 234



128, 111, 115



0, 0, 0



128, 128, 128

Same Dimension

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



234, 149, 169



255, 143, 169



234, 177, 149



117, 106, 108



181, 0, 43



54, 0, 13

Inverse Universe

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



234, 149, 169



255, 143, 169



149, 186, 234



117, 106, 108



181, 0, 43



54, 0, 13

Previews

White Background



This preview shows how the RYB color 234, 149, 169 looks on a white background.

Color Contrast Check

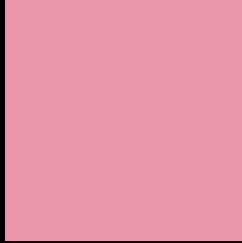
Large Text (above 18pt) WCAG AA × Fail

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, 149, 169 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](#).

RGB 234, 149, 169 Background



This preview shows how black text looks on a background with the RGB color 234, 149, 169.



This preview shows how white text looks on a background with the RGB color 234, 149, 169.

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



Original Color
234, 149, 169

Protanopia
174, 173, 183

Deuteranopia
193, 168, 166



Tritanopia
233, 150, 162

Trichromacy



Original Color

234, 149, 169



Protanomaly

196, 164, 178



Deuteranomaly

208, 161, 167



Tritanomaly

233, 150, 165

Monochromacy



Original Color

234, 149, 169



Achromatopsia

177, 177, 177



Achromatomaly

198, 167, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 149, 169 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, 149, 169) looks like.

```
.text, #text, p{  
    color:rgb(234, 149, 169)  
}
```

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, 149, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 149, 169) }
```

Border

The CSS property to change the border of an element to RYB 234, 149, 169 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, 149, 169) }
```

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

```
.border{ border-color:rgb(234, 149, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 149, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 149, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 149, 169);  
box-shadow:4px 4px 4px 4px rgb(234, 149,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 234, 149, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 149, 169) }
```

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

```
.background{ background-color: rgb(234,  
149, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor