

Converting Colors

`RYB(240, 149, 184)`

Have a look what the booklet for
RYB(240, 149, 184) contains.

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Color

RYB(240, 149, 184)

Conversions

Conversions Part 1

Format	Color
Hex	F095B8
RGB	240, 149, 184
RGB Percent	94%, 58%, 72%
CMY	0.0588, 0.4157, 0.2784
CMYK	0.00, 0.38, 0.23, 0.06
HSL	337°, 75%, 76%
HSV	337°, 38%, 94%
XYZ	55.3344, 43.4808, 50.8236
YIQ	180.1990, 43.0010, 30.1770

Conversions

Conversions Part 2

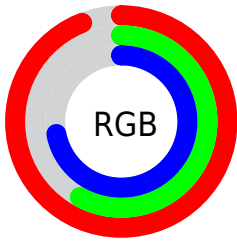
Format	Color
R _Y B	240, 149, 184
Decimal	15766968
CIE Lab	71.88, 38.71, -3.63
CIE LCh	72, 38.875, 354.649
Yxy	43.4808, 0.3698, 0.2906
Android (android.graphics.Color)	4293957048 (0xFFFF095B8)
YUV	180.1990, 1.8739, 52.4455
Hunter-Lab	65.9400, 34.3954, 0.4599

Details

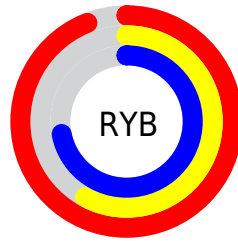
The RYB color **240, 149, 184** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **149, 205, 240**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 204, 240**, and **182, 96, 131** is the 20% darker color. If you saturate the color by 10%, you get **240, 125, 169**, and if you desaturate by 10%, it is **240, 173, 199**.

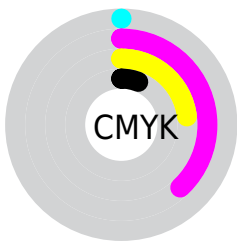
Distribution



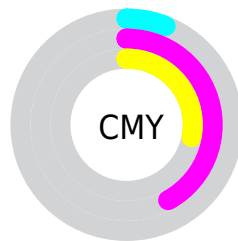
- Red (94%)
- Green (58%)
- Blue (72%)



- Red (94%)
- Yellow (58%)
- Blue (72%)



- Cyan (0%)
- Magenta (38%)
- Yellow (23%)
- Black (6%)



- Cyan (6%)
- Magenta (42%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 149, 184 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 240, 149, 184 by changing the saturation by 10% instead.


 240, 149, 184

255, 255, 255

 255, 204, 240

 255, 233, 255

 240, 149, 184

 211, 122, 157

 182, 96, 131

 154, 71, 106

 127, 46, 82

 100, 19, 59

 74, 0, 37

 51, 0, 16

 10, 0, 0

 0, 0, 0

240, 149, 184

240, 149, 184

240, 125, 169

240, 173, 199

240, 101, 154

240, 197, 214

240, 77, 140

240, 221, 228

240, 53, 125

240, 243, 245

240, 29, 110

240, 248, 255

240, 5, 95

240, 0, 92

Harmonies

Analogous

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



215, 157, 218



240, 149, 184



245, 150, 148

Triad

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



240, 149, 184



110, 183, 123



47, 128, 233

Complementary

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



240, 149, 184



149, 205, 240

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.



25, 112, 205



240, 149, 184



128, 186, 191

Square

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



240, 149, 184



154, 205, 105



81, 146, 195



113, 158, 246

Rectangle

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



240, 149, 184



238, 166, 128



81, 146, 195



26, 117, 225

Sweetspot

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



240, 149, 184



255, 227, 238



204, 149, 240



128, 111, 117



0, 0, 0



128, 128, 128

Same Dimension

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



240, 149, 184



255, 138, 183



240, 159, 149



120, 108, 112



184, 0, 71



56, 0, 22

Inverse Universe

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



240, 149, 184



255, 138, 183



149, 192, 240



120, 108, 112



184, 0, 71



56, 0, 22

Previews

White Background



This preview shows how the RYB color 240, 149, 184 looks on a white background.

Color Contrast Check

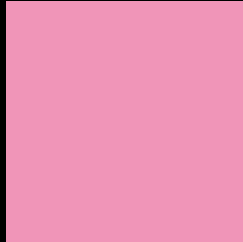
Large Text (above 18pt) WCAG AA × Fail

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 240, 149, 184 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 240, 149, 184 Background



This preview shows how black text looks on a background with the RYB color 240, 149, 184.

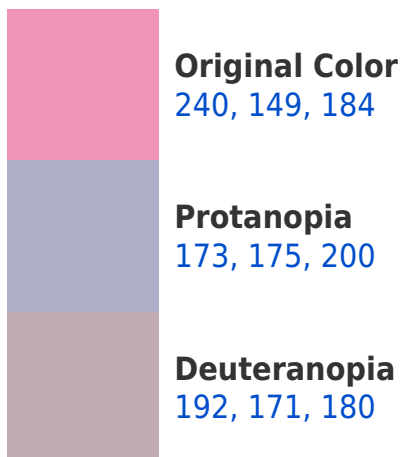



This preview shows how white text looks on a background with the RYB color 240, 149, 184.

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, 153, 164

Trichromacy



Original Color

240, 149, 184



Protanomaly

197, 166, 194



Deuteranomaly

209, 163, 181



Tritanomaly

239, 152, 171

Monochromacy



Original Color

240, 149, 184



Achromatopsia

180, 180, 180



Achromatomaly

202, 169, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 149, 184 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(240, 149, 184) looks like.

```
.text, #text, p{  
    color:rgb(240, 149, 184)  
}
```

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(240, 149, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 149, 184) }
```

Border

The CSS property to change the border of an element to RYB 240, 149, 184 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(240, 149, 184) }
```

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

```
.border{ border-color:rgb(240, 149, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 149, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 149, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 149, 184);  
box-shadow:4px 4px 4px 4px rgb(240, 149,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 240, 149, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 149, 184) }
```

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

```
.background{ background-color: rgb(240,  
149, 184) }
```

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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