

Converting Colors

`RYB(240, 147, 149)`

Have a look what the booklet for
RYB(240, 147, 149) contains.

RYB(240, 147, 149)	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

R_YB(240, 147, 149)

Conversions

Conversions Part 1

Format	Color
Hex	F09395
RGB	240, 147, 149
RGB Percent	94%, 58%, 58%
CMY	0.0588, 0.4235, 0.4157
CMYK	0.00, 0.39, 0.38, 0.06
HSL	359°, 76%, 76%
HSV	359°, 39%, 94%
XYZ	51.7937, 41.5626, 33.7263
YIQ	175.0350, 54.7860, 20.3380

Conversions

Conversions Part 2

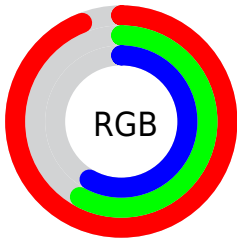
Format	Color
R _Y B	240, 147, 149
Decimal	15766421
CIE Lab	70.57, 35.26, 13.93
CIE LCh	71, 37.912, 21.564
Yxy	41.5626, 0.4076, 0.3271
Android (android.graphics.Color)	4293956501 (0xFFFF09395)
YUV	175.0350, -12.8353, 56.9743
Hunter-Lab	64.4691, 30.5839, 14.1114

Details

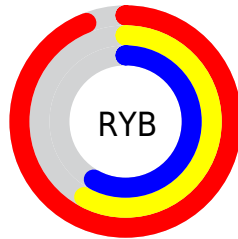
The RYB color **240, 147, 149** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **147, 194, 240**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **255, 202, 203**, and **181, 95, 98** is the 20% darker color. If you saturate the color by 10%, you get **240, 123, 126**, and if you desaturate by 10%, it is **240, 171, 172**.

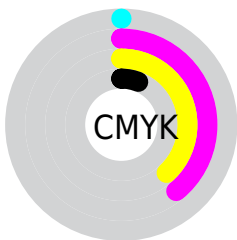
Distribution



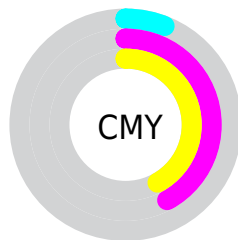
- Red (94%)
- Green (58%)
- Blue (58%)



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



- Cyan (0%)
- Magenta (39%)
- Yellow (38%)
- Black (6%)





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

Brightness & Saturation Gradients


These gradients show how the RYB color 240, 147, 149 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, 147, 149 by changing the saturation by 10% instead.


 240, 147, 149

 240, 147, 149

255, 255, 255

 210, 121, 123

 255, 202, 203

 181, 95, 98

 255, 230, 231

 153, 70, 75


 125, 45, 52


 97, 19, 31


 71, 0, 7


 47, 0, 1


 0, 0, 0


 240, 147, 149

 240, 147, 149

 240, 123, 126

 240, 171, 172

 240, 99, 102

 240, 195, 196

 240, 75, 79

 240, 219, 219

 240, 51, 55

 240, 242, 243

 240, 27, 32

 240, 248, 255

 240, 3, 8

 240, 0, 5

Harmonies

Analogous

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



233, 147, 184



240, 147, 149



229, 172, 120

Triad

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



240, 147, 149



129, 186, 185



106, 153, 240

Complementary

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



240, 147, 149



147, 194, 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.



44, 124, 226



240, 147, 149



85, 146, 190

Square

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



240, 147, 149



107, 178, 115



35, 114, 197



163, 167, 237

Rectangle

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



240, 147, 149



206, 214, 108



35, 114, 197



85, 144, 237

Sweetspot

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



240, 147, 149



255, 224, 225



237, 147, 240



128, 110, 110



0, 0, 0



128, 128, 128

Same Dimension

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



240, 147, 149



255, 135, 138



240, 227, 147



120, 108, 108



184, 0, 4



56, 0, 1

Inverse Universe

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



240, 147, 149



255, 135, 138



147, 180, 240



120, 108, 108



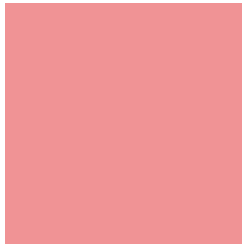
184, 0, 4



56, 0, 1

Previews

White Background



This preview shows how the RYB color 240, 147, 149 looks on a white background.

Color Contrast Check

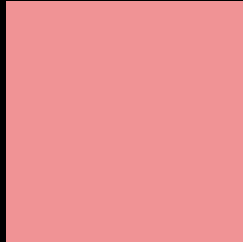
Large Text (above 18pt) WCAG AA × Fail

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, 147, 149 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, 147, 149 Background



This preview shows how black text looks on a background with the RYB color 240, 147, 149.

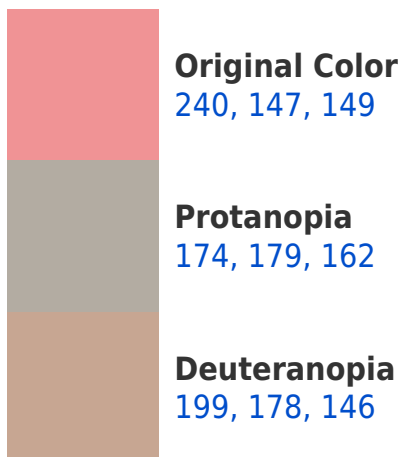


This preview shows how white text looks on a background with the RYB color 240, 147, 149.

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
241, 146, 157

Trichromacy



Original Color

240, 147, 149



Protanomaly

201, 164, 157



Deuteranomaly

214, 162, 147



Tritanomaly

241, 146, 154

Monochromacy



Original Color

240, 147, 149



Achromatopsia

175, 175, 175



Achromatomaly

199, 165, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 147, 149 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, 147, 149) looks like.

```
.text, #text, p{  
    color:rgb(240, 147, 149)  
}
```

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, 147, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 147, 149) }
```

Border

The CSS property to change the border of an element to RYB 240, 147, 149 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, 147, 149) }
```

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

```
.border{ border-color:rgb(240, 147, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 147, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 147, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 147, 149);  
box-shadow:4px 4px 4px 4px rgb(240, 147,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 240, 147, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 147, 149) }
```

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

```
.background{ background-color: rgb(240,  
147, 149) }
```

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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