

Converting Colors

`RYB(249, 124, 129)`

Have a look what the booklet for RYB(249, 124, 129) contains.

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Color

R_YB(249, 124, 129)

Conversions

Conversions Part 1

Format	Color
Hex	F97C81
RGB	249, 124, 129
RGB Percent	98%, 49%, 51%
CMY	0.0235, 0.5137, 0.4941
CMYK	0.00, 0.50, 0.48, 0.02
HSL	358°, 91%, 73%
HSV	358°, 50%, 98%
XYZ	50.2370, 36.1400, 25.0968
YIQ	161.9450, 72.8950, 28.0550

Conversions

Conversions Part 2

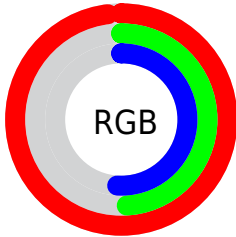
Format	Color
R _Y B	249, 124, 129
Decimal	16350337
CIE Lab	66.63, 48.11, 19.83
CIE LCh	67, 52.042, 22.403
Yxy	36.1400, 0.4507, 0.3242
Android (android.graphics.Color)	4294540417 (0xFFFF97C81)
YUV	161.9450, -16.2419, 76.3472
Hunter-Lab	60.1166, 43.9613, 17.3298

Details

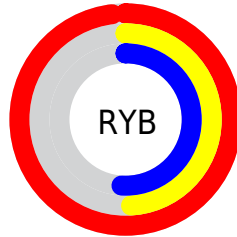
The RYB color **249, 124, 129** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **124, 188, 249**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 179, 182**, and **188, 70, 80** is the 20% darker color. If you saturate the color by 10%, you get **249, 99, 105**, and if you desaturate by 10%, it is **249, 149, 153**.

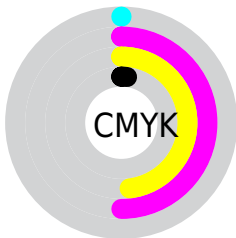
Distribution



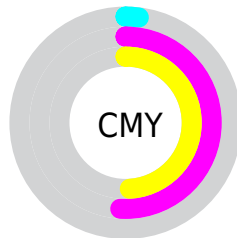
- Red (98%)
- Green (49%)
- Blue (51%)



- Red (98%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (50%)
- Yellow (48%)
- Black (2%)




- Cyan (2%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 249, 124, 129 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 249, 124, 129 by changing the saturation by 10% instead.

 249, 124, 129

 249, 124, 129

255, 255, 255

 218, 97, 104

 255, 179, 182

 188, 70, 80

 255, 208, 209

 159, 43, 57

 255, 236, 238

 129, 7, 36


 100, 0, 15

 72, 0, 0

 45, 0, 2

 0, 0, 0

 249, 124, 129

 249, 124, 129

■ 249, 99, 105

■ 249, 149, 153

■ 249, 74, 81

■ 249, 174, 177

■ 249, 49, 57

■ 249, 199, 201

■ 249, 24, 33

■ 249, 224, 225

■ 249, 0, 10

■ 249, 249, 249

■ 249, 252, 255

Harmonies

Analogous

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



242, 123, 176



249, 124, 129



233, 163, 89

Triad

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



249, 124, 129



98, 175, 180



0, 102, 254

Complementary

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



249, 124, 129



124, 188, 249

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.



0, 102, 235



249, 124, 129



0, 103, 185

Square

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



249, 124, 129



71, 170, 87



0, 95, 196



145, 153, 249

Rectangle

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



249, 124, 129



182, 212, 71



0, 95, 196



0, 103, 251

Sweetspot

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



249, 124, 129



255, 217, 218



243, 124, 249



128, 105, 105



0, 0, 0



128, 128, 128

Same Dimension

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



249, 124, 129



255, 102, 108



249, 225, 124



125, 112, 113



189, 0, 8



61, 0, 2

Inverse Universe

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



249, 124, 129



255, 102, 108



124, 168, 249



125, 112, 113



189, 0, 8



61, 0, 2

Previews

White Background



This preview shows how the RYB color 249, 124, 129 looks on a white background.

Color Contrast Check

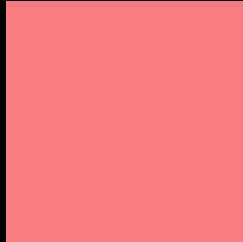
Large Text (above 18pt) WCAG AA × Fail

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 249, 124, 129 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 249, 124, 129 Background



This preview shows how black text looks on a background with the RYB color 249, 124, 129.

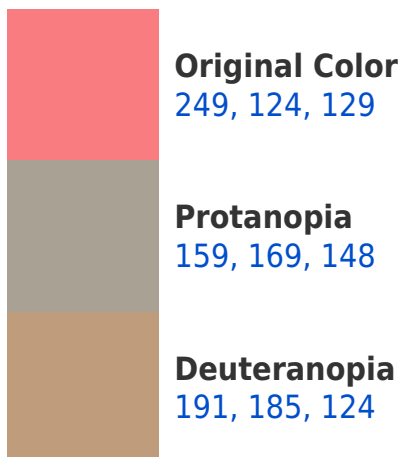



This preview shows how white text looks on a background with the RYB color 249, 124, 129.

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
249, 123, 132

Trichromacy



Original Color

249, 124, 129



Protanomaly

198, 149, 141



Deuteranomaly

212, 149, 126



Tritanomaly

249, 123, 131

Monochromacy



Original Color

249, 124, 129



Achromatopsia

162, 162, 162



Achromatomaly

194, 148, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 124, 129 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(249, 124, 129) looks like.

```
.text, #text, p{  
    color:rgb(249, 124, 129)  
}
```

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(249, 124, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 124, 129) }
```

Border

The CSS property to change the border of an element to RYB 249, 124, 129 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(249, 124, 129) }
```

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

```
.border{ border-color:rgb(249, 124, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 124, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 124, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 124, 129);  
box-shadow:4px 4px 4px 4px rgb(249, 124,  
129) }
```

Background

The CSS property to change the background color of an element to RYB 249, 124, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 124, 129) }
```

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

```
.background{ background-color: rgb(249,  
124, 129) }
```

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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