

Converting Colors

`RYB(254, 149, 200)`

Have a look what the booklet for
RYB(254, 149, 200) contains.

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Color

RYB(254, 149, 200)

Conversions

Conversions Part 1

Format	Color
Hex	FE95C8
RGB	254, 149, 200
RGB Percent	100%, 58%, 78%
CMY	0.0039, 0.4157, 0.2157
CMYK	0.00, 0.41, 0.21, 0.00
HSL	331°, 98%, 79%
HSV	331°, 41%, 100%
XYZ	62.0458, 46.7359, 60.3943
YIQ	186.2090, 46.2090, 38.1210

Conversions

Conversions Part 2

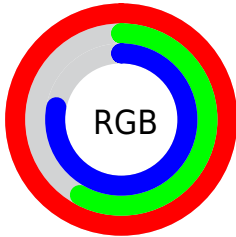
Format	Color
R_{YB}	254, 149, 200
Decimal	16684488
CIE _{Lab}	74.02, 45.72, -9.12
CIE _{LCh}	74, 46.620, 348.720
Yxy	46.7359, 0.3668, 0.2763
Android (android.graphics.Color)	4294874568 (0xFFFE95C8)
YUV	186.2090, 6.7990, 59.4527
Hunter-Lab	68.3636, 42.3676, -4.5239

Details

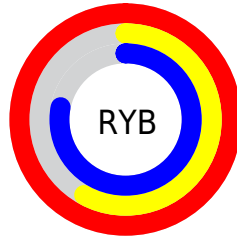
The RYB color **254, 149, 200** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **149, 218, 254**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 205, 255**, and **195, 95, 146** is the 20% darker color. If you saturate the color by 10%, you get **254, 124, 187**, and if you desaturate by 10%, it is **254, 174, 213**.

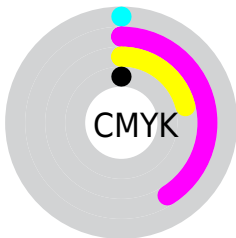
Distribution



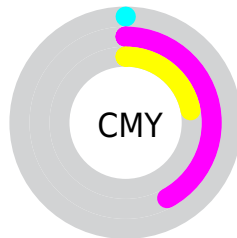
- Red (100%)
- Green (58%)
- Blue (78%)



- Red (100%)
- Yellow (58%)
- Blue (78%)



- Cyan (0%)
- Magenta (41%)
- Yellow (21%)
- Black (0%)




- Cyan (0%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RYB color 254, 149, 200 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 254, 149, 200 by changing the saturation by 10% instead.

 254, 149, 200

 254, 149, 200

255, 255, 255

 224, 122, 173

 255, 205, 255

 195, 95, 146

 255, 234, 255

 167, 69, 120

 139, 43, 96

 112, 10, 72

 85, 0, 49

 59, 0, 29

 34, 0, 1

 0, 0, 0

■ 254, 149, 200

■ 254, 149, 200

■ 254, 124, 187

■ 254, 174, 213

■ 254, 98, 174

■ 254, 200, 226

■ 254, 73, 161

■ 254, 225, 239

■ 254, 47, 148

■ 254, 251, 252

■ 254, 22, 135

254, 255, 255

■ 254, 0, 123

Harmonies

Analogous

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



219, 161, 239



254, 149, 200



255, 148, 157

Triad

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



254, 149, 200



99, 188, 105



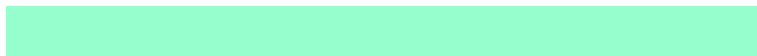
0, 110, 245

Complementary

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



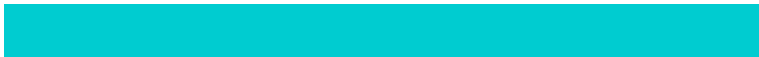
254, 149, 200



149, 218, 254

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, 103, 208



254, 149, 200



124, 198, 189

Square

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



254, 149, 200



177, 223, 97



68, 147, 203



76, 146, 255

Rectangle

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



254, 149, 200



255, 159, 131



68, 147, 203



0, 108, 234

Sweetspot

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



254, 149, 200



255, 224, 239



202, 149, 254



128, 110, 118



0, 0, 0



128, 128, 128

Same Dimension

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



254, 149, 200



255, 128, 189



254, 149, 149



128, 115, 121



191, 0, 93



64, 0, 31

Inverse Universe

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



254, 149, 200



255, 128, 189



149, 202, 254



128, 115, 121



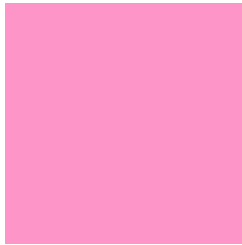
191, 0, 93



64, 0, 31

Previews

White Background



This preview shows how the RYB color 254, 149, 200 looks on a white background.

Color Contrast Check

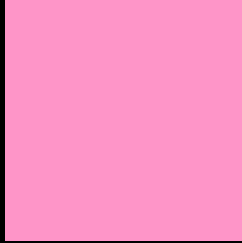
Large Text (above 18pt) WCAG AA × Fail

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 254, 149, 200 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 254, 149, 200 Background



This preview shows how black text looks on a background with the RYB color 254, 149, 200.

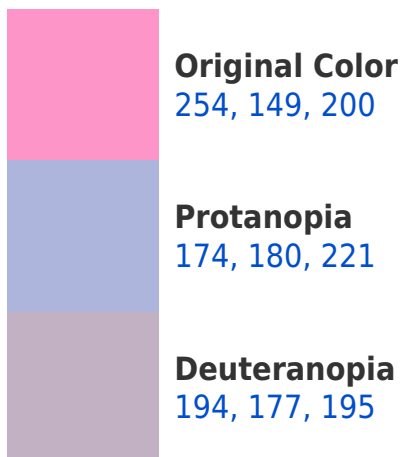



This preview shows how white text looks on a background with the RYB color 254, 149, 200.

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
251, 155, 167

Trichromacy



Original Color

254, 149, 200



Protanomaly

203, 169, 213



Deuteranomaly

216, 167, 197



Tritanomaly

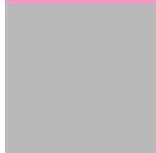
252, 153, 179

Monochromacy



Original Color

254, 149, 200



Achromatopsia

186, 186, 186



Achromatomaly

211, 173, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 254, 149, 200 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(254, 149, 200)` looks like.

```
.text, #text, p{  
    color:rgb(254, 149, 200)  
}
```

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(254, 149, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 149, 200) }
```

Border

The CSS property to change the border of an element to RYB 254, 149, 200 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(254, 149, 200) }
```

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

```
.border{ border-color:rgb(254, 149, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 149, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 149, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 149, 200);  
box-shadow:4px 4px 4px 4px rgb(254, 149,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 254, 149, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 149, 200) }
```

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

```
.background{ background-color: rgb(254,  
149, 200) }
```

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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