

Converting Colors

`RYB(255, 159, 193)`

Have a look what the booklet for
RYB(255, 159, 193) contains.

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Color

`RYB(255, 159, 193)`

Conversions

Conversions Part 1

Format	Color
Hex	FF9FC1
RGB	255, 159, 193
RGB Percent	100%, 62%, 76%
CMY	0.0000, 0.3765, 0.2431
CMYK	0.00, 0.38, 0.24, 0.00
HSL	339°, 100%, 81%
HSV	339°, 38%, 100%
XYZ	63.2638, 49.9065, 56.7506
YIQ	191.5800, 46.3020, 30.9260

Conversions

Conversions Part 2

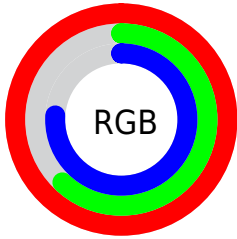
Format	Color
R _Y B	255, 159, 193
Decimal	16752577
CIE Lab	76.01, 39.96, -2.31
CIE LCh	76, 40.022, 356.688
Yxy	49.9065, 0.3723, 0.2937
Android (android.graphics.Color)	4294942657 (0xFFFF9FC1)
YUV	191.5800, 0.7001, 55.6193
Hunter-Lab	70.6446, 36.2228, 1.8220

Details

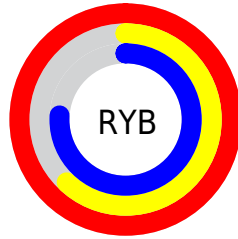
The RYB color **255, 159, 193** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **159, 217, 255**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 215, 249**, and **196, 106, 140** is the 20% darker color. If you saturate the color by 10%, you get **255, 133, 177**, and if you desaturate by 10%, it is **255, 185, 209**.

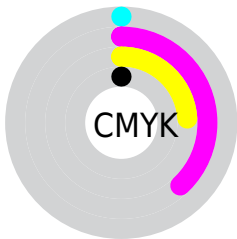
Distribution



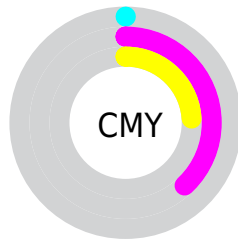
- Red (100%)
- Green (62%)
- Blue (76%)



- Red (100%)
- Yellow (62%)
- Blue (76%)



- Cyan (0%)
- Magenta (38%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (38%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 159, 193 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 255, 159, 193 by changing the saturation by 10% instead.


 255, 159, 193

 255, 159, 193

255, 255, 255

 225, 132, 166

 255, 215, 249

 196, 106, 140

 255, 244, 255

 168, 80, 114

 140, 55, 90

 113, 28, 66

 86, 0, 44

 60, 0, 24

 36, 0, 1

 0, 0, 0

■ 255, 159, 193

■ 255, 159, 193

■ 255, 133, 177

■ 255, 185, 209

■ 255, 108, 160

■ 255, 210, 226

■ 255, 82, 144

■ 255, 236, 242

■ 255, 57, 127

255, 255, 255

■ 255, 31, 111

■ 255, 6, 94

■ 255, 0, 90

Harmonies

Analogous

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



230, 166, 228



255, 159, 193



255, 161, 156

Triad

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



255, 159, 193



120, 195, 137



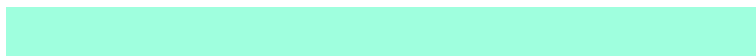
61, 141, 248

Complementary

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



255, 159, 193



159, 217, 255

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.



35, 124, 219



255, 159, 193



134, 193, 203

Square

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



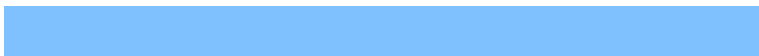
255, 159, 193



159, 216, 113



85, 153, 207



127, 170, 255

Rectangle

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



255, 159, 193



251, 179, 135



85, 153, 207



42, 131, 240

Sweetspot

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



255, 159, 193



255, 227, 237



220, 159, 255



128, 111, 117



0, 0, 0



128, 128, 128

Same Dimension

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



255, 159, 193



255, 140, 181



255, 174, 159



128, 115, 119



191, 0, 68



64, 0, 23

Inverse Universe

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



255, 159, 193



255, 140, 181



159, 204, 255



128, 115, 119



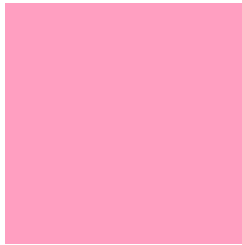
191, 0, 68



64, 0, 23

Previews

White Background



This preview shows how the RYB color 255, 159, 193 looks on a white background.

Color Contrast Check

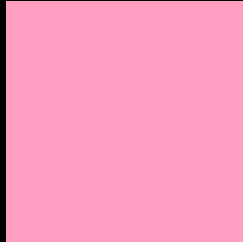
Large Text (above 18pt) WCAG AA × Fail

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 255, 159, 193 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 255, 159, 193 Background



This preview shows how black text looks on a background with the RYB color 255, 159, 193.



This preview shows how white text looks on a background with the RYB color 255, 159, 193.

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
255, 159, 193

Protanopia
185, 186, 210

Deuteranopia
205, 182, 189



Tritanopia
253, 162, 174

Trichromacy



Original Color

255, 159, 193



Protanomaly

210, 176, 204



Deuteranomaly

223, 174, 190



Tritanomaly

254, 161, 181

Monochromacy



Original Color

255, 159, 193



Achromatopsia

192, 192, 192



Achromatomaly

215, 180, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 159, 193 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(255, 159, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 193)  
}
```

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(255, 159, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 193) }
```

Border

The CSS property to change the border of an element to RYB 255, 159, 193 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(255, 159, 193) }
```

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

```
.border{ border-color:rgb(255, 159, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 255, 159, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 193) }
```

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

```
.background{ background-color: rgb(255,  
159, 193) }
```

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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