

Converting Colors

`RYB(255, 157, 192)`

Have a look what the booklet for
RYB(255, 157, 192) contains.

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Color

`RYB(255, 157, 192)`

Conversions

Conversions Part 1

Format	Color
Hex	FF9DC0
RGB	255, 157, 192
RGB Percent	100%, 62%, 75%
CMY	0.0000, 0.3843, 0.2471
CMYK	0.00, 0.38, 0.25, 0.00
HSL	339°, 100%, 81%
HSV	339°, 38%, 100%
XYZ	62.8114, 49.1797, 56.0513
YIQ	190.2920, 47.1730, 31.6610

Conversions

Conversions Part 2

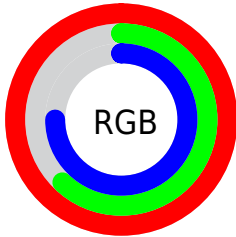
Format	Color
R _Y B	255, 157, 192
Decimal	16752064
CIE Lab	75.56, 40.85, -2.42
CIE LCh	76, 40.919, 356.606
Yxy	49.1797, 0.3738, 0.2927
Android (android.graphics.Color)	4294942144 (0xFFFF9DC0)
YUV	190.2920, 0.8420, 56.7489
Hunter-Lab	70.1282, 37.1517, 1.7012

Details

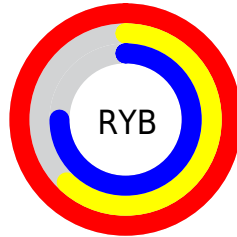
The RYB color **255, 157, 192** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **157, 217, 255**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 213, 248**, and **196, 104, 139** is the 20% darker color. If you saturate the color by 10%, you get **255, 132, 176**, and if you desaturate by 10%, it is **255, 183, 208**.

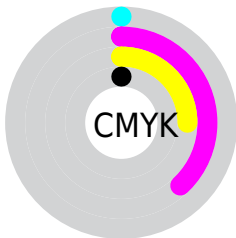
Distribution



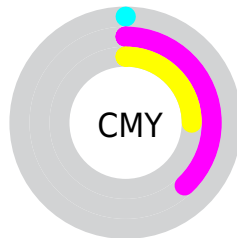
- Red (100%)
- Green (62%)
- Blue (75%)



- Red (100%)
- Yellow (62%)
- Blue (75%)



- Cyan (0%)
- Magenta (38%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (38%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 157, 192 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, 157, 192 by changing the saturation by 10% instead.

 255, 157, 192

255, 255, 255


 255, 213, 248

 255, 242, 255

 255, 157, 192

 225, 130, 165

 196, 104, 139

 168, 78, 113

 140, 52, 89

 113, 26, 65

 86, 0, 43

 60, 0, 23

 35, 0, 1

 0, 0, 0

■ 255, 157, 192

■ 255, 157, 192

■ 255, 132, 176

■ 255, 183, 208

■ 255, 106, 159

■ 255, 208, 225

■ 255, 81, 143

■ 255, 234, 241

■ 255, 55, 126

255, 255, 255

■ 255, 29, 110

■ 255, 4, 94

■ 255, 0, 91

Harmonies

Analogous

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



230, 165, 228



255, 157, 192



255, 159, 154

Triad

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



255, 157, 192



117, 194, 135



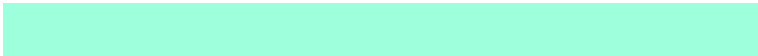
51, 136, 248

Complementary

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



255, 157, 192



157, 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.



13, 113, 219



255, 157, 192



132, 192, 202

Square

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



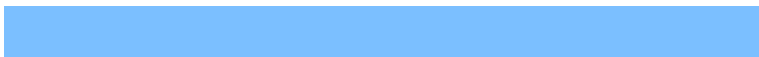
255, 157, 192



158, 215, 110



80, 150, 206



123, 168, 255

Rectangle

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



255, 157, 192



251, 177, 133



80, 150, 206



25, 122, 240

Sweetspot

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



255, 157, 192



255, 224, 235



219, 157, 255



128, 110, 116



0, 0, 0



128, 128, 128

Same Dimension

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



255, 157, 192



255, 138, 180



255, 172, 157



128, 115, 119



191, 0, 68



64, 0, 23

Inverse Universe

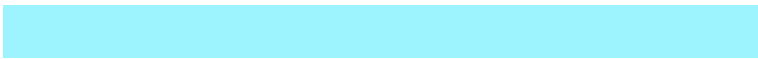
The Inverse Universe completely reimagines the original color for something new.



255, 157, 192



255, 138, 180



157, 203, 255



128, 115, 119



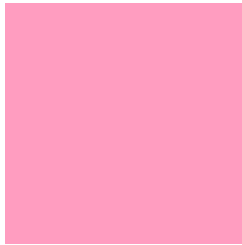
191, 0, 68



64, 0, 23

Previews

White Background



This preview shows how the RYB color 255, 157, 192 looks on a white background.

Color Contrast Check

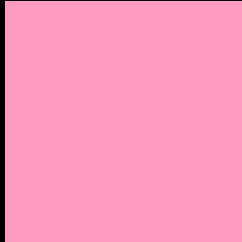
Large Text (above 18pt) WCAG AA × Fail

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, 157, 192 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, 157, 192 Background



This preview shows how black text looks on a background with the RYB color 255, 157, 192.

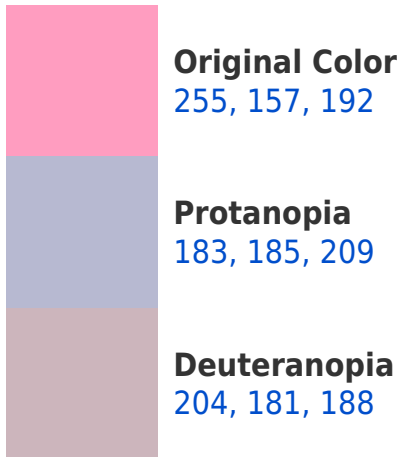



This preview shows how white text looks on a background with the RYB color 255, 157, 192.

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
253, 160, 172

Trichromacy



Original Color

255, 157, 192



Protanomaly

209, 175, 203



Deuteranomaly

223, 172, 189



Tritanomaly

254, 159, 179

Monochromacy



Original Color

255, 157, 192



Achromatopsia

190, 190, 190



Achromatomaly

214, 178, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 157, 192 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, 157, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 192)  
}
```

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, 157, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 192) }
```

Border

The CSS property to change the border of an element to RYB 255, 157, 192 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, 157, 192) }
```

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

```
.border{ border-color:rgb(255, 157, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 157, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 157, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 157, 192); box-shadow:4px 4px 4px 4px rgb(255, 157, 192) }
```

Background

The CSS property to change the background color of an element to RYB 255, 157, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 192) }
```

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

```
.background{ background-color: rgb(255,  
157, 192) }
```

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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