

Converting Colors

`RYB(255, 125, 194)`

Have a look what the booklet for
RYB(255, 125, 194) contains.

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Color

RYB(255, 125, 194)

Conversions

Conversions Part 1

Format	Color
Hex	FF7DC2
RGB	255, 125, 194
RGB Percent	100%, 49%, 76%
CMY	0.0000, 0.5098, 0.2392
CMYK	0.00, 0.51, 0.24, 0.00
HSL	328°, 100%, 75%
HSV	328°, 51%, 100%
XYZ	58.3112, 39.8223, 55.6521
YIQ	171.7360, 55.3310, 49.0190

Conversions

Conversions Part 2

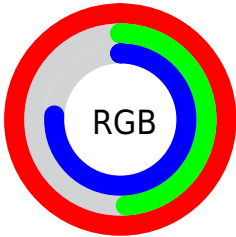
Format	Color
R _Y B	255, 125, 194
Decimal	16743874
CIE Lab	69.34, 57.00, -12.77
CIE LCh	69, 58.411, 347.376
Yxy	39.8223, 0.3792, 0.2589
Android (android.graphics.Color)	4294933954 (0xFFFF7DC2)
YUV	171.7360, 10.9762, 73.0225
Hunter-Lab	63.1049, 54.5069, -8.1143

Details

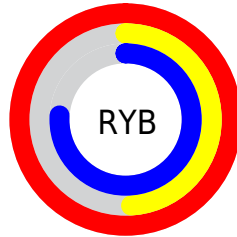
The RYB color **255, 125, 194** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **125, 213, 255**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 181, 251**, and **195, 69, 140** is the 20% darker color. If you saturate the color by 10%, you get **255, 100, 182**, and if you desaturate by 10%, it is **255, 151, 206**.

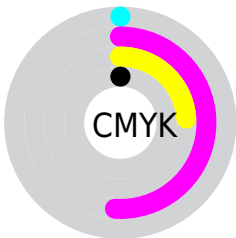
Distribution



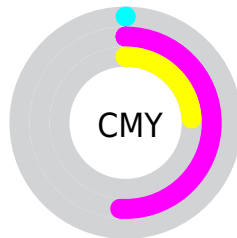
- Red (100%)
- Green (49%)
- Blue (76%)



- Red (100%)
- Yellow (49%)
- Blue (76%)



- Cyan (0%)
- Magenta (51%)
- Yellow (24%)
- Black (0%)




- Cyan (0%)
- Magenta (51%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 125, 194 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, 125, 194 by changing the saturation by 10% instead.

 255, 125, 194

 255, 125, 194

255, 255, 255

 225, 97, 167

 255, 181, 251

 195, 69, 140

 255, 210, 255

 166, 39, 115

 255, 239, 255

 138, 0, 90

 110, 0, 67

 82, 0, 44

 58, 0, 24

 23, 0, 0

 0, 0, 0

■ 255, 125, 194

■ 255, 125, 194

■ 255, 100, 182

■ 255, 151, 206

■ 255, 74, 170

■ 255, 176, 218

■ 255, 49, 158

■ 255, 202, 230

■ 255, 23, 146

■ 255, 227, 242

■ 255, 0, 135

■ 255, 253, 254

■ 255, 255, 255

Harmonies

Analogous

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



212, 143, 242



255, 125, 194



255, 123, 141

Triad

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



255, 125, 194



61, 176, 68



0, 108, 246

Complementary

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



255, 125, 194



125, 213, 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.



0, 98, 199



255, 125, 194



94, 188, 175

Square

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



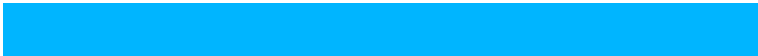
255, 125, 194



155, 217, 62



0, 111, 194



0, 106, 255

Rectangle

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



255, 125, 194



255, 137, 108



0, 111, 194



0, 106, 232

Sweetspot

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



255, 125, 194



255, 217, 237



186, 125, 255



128, 105, 117



0, 0, 0



128, 128, 128

Same Dimension

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



255, 125, 194



255, 99, 182



255, 125, 129



128, 115, 122



191, 0, 102



64, 0, 34

Inverse Universe

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



255, 125, 194



255, 99, 182



125, 191, 255



128, 115, 122



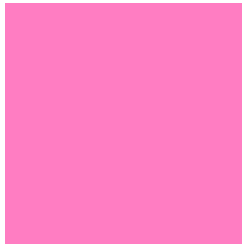
191, 0, 102



64, 0, 34

Previews

White Background



This preview shows how the RYB color 255, 125, 194 looks on a white background.

Color Contrast Check

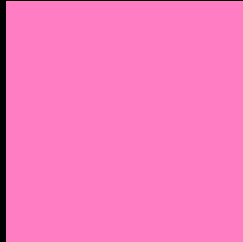
Large Text (above 18pt) WCAG AA × Fail

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, 125, 194 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](#).

RYP 255, 125, 194 Background



This preview shows how black text looks on a background with the RYP color 255, 125, 194.



This preview shows how white text looks on a background with the RYP color 255, 125, 194.

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, 125, 194

Protanopia
155, 166, 223

Deuteranopia
178, 165, 187



Tritanopia

250, 135, 145

Trichromacy



Original Color

255, 125, 194



Protanomaly

191, 152, 212



Deuteranomaly

206, 150, 190



Tritanomaly

252, 131, 163

Monochromacy



Original Color

255, 125, 194



Achromatopsia

172, 172, 172



Achromatomaly

202, 155, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 125, 194 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, 125, 194) looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 194)  
}
```

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, 125, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 194) }
```

Border

The CSS property to change the border of an element to RYB 255, 125, 194 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, 125, 194) }
```

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

```
.border{ border-color:rgb(255, 125, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 255, 125, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 194) }
```

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

```
.background{ background-color: rgb(255,  
125, 194) }
```

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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