

Converting Colors

`RYB(255, 113, 195)`

Have a look what the booklet for
RYB(255, 113, 195) contains.

RYB(255, 113, 195)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(255, 113, 195)

Conversions

Conversions Part 1

Format	Color
Hex	FF71C3
RGB	255, 113, 195
RGB Percent	100%, 44%, 76%
CMY	0.0000, 0.5569, 0.2353
CMYK	0.00, 0.56, 0.24, 0.00
HSL	325°, 100%, 72%
HSV	325°, 56%, 100%
XYZ	56.9955, 37.0104, 55.7695
YIQ	164.8060, 58.3100, 55.6060

Conversions

Conversions Part 2

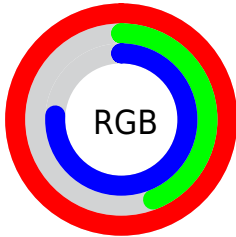
Format	Color
R_{YB}	255, 113, 195
Decimal	16740803
CIE _{Lab}	67.28, 62.65, -16.43
CIE _{LCh}	67, 64.767, 345.308
Yxy	37.0104, 0.3805, 0.2471
Android (android.graphics.Color)	4294930883 (0xFFFF71C3)
YUV	164.8060, 14.8856, 79.1001
Hunter-Lab	60.8362, 60.7677, -11.7668

Details

The RYB color **255, 113, 195** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **113, 213, 255**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **255, 170, 252**, and **195, 55, 141** is the 20% darker color. If you saturate the color by 10%, you get **255, 88, 184**, and if you desaturate by 10%, it is **255, 139, 206**.

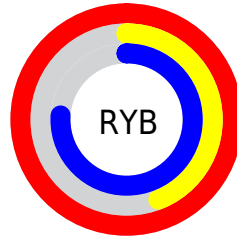
Distribution



Red (100%)

Green (44%)

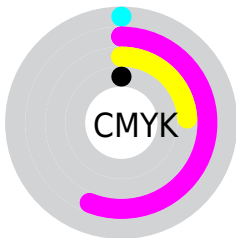
Blue (76%)



Red (100%)

Yellow (44%)

Blue (76%)

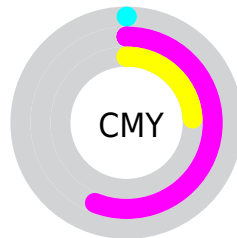


Cyan (0%)

Magenta (56%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 113, 195 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, 113, 195 by changing the saturation by 10% instead.

 255, 113, 195

 255, 113, 195


255, 255, 255

 225, 85, 168

 255, 170, 252

 195, 55, 141

 255, 199, 255

 166, 15, 116

 255, 228, 255

 137, 0, 91

 109, 0, 67

 81, 0, 45

 55, 0, 24

 18, 0, 0

 0, 0, 0

■ 255, 113, 195

■ 255, 113, 195

■ 255, 88, 184

■ 255, 139, 206

■ 255, 62, 173

■ 255, 164, 217

■ 255, 36, 163

■ 255, 190, 227

■ 255, 11, 152

■ 255, 215, 238

■ 255, 0, 147

■ 255, 241, 249

255, 255, 255

Harmonies

Analogous

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



205, 135, 247



255, 113, 195



255, 109, 136

Triad

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



255, 113, 195



37, 170, 41



0, 107, 246

Complementary

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



255, 113, 195



113, 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, 96, 193



255, 113, 195



76, 183, 161

Square

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



255, 113, 195



150, 218, 42



0, 112, 190



0, 105, 255

Rectangle

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



255, 113, 195



255, 123, 100



0, 112, 190



0, 104, 230

Sweetspot

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



255, 113, 195



255, 212, 237



172, 113, 255



128, 102, 117



0, 0, 0



128, 128, 128

Same Dimension

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



255, 113, 195



255, 84, 183



255, 113, 125



128, 115, 122



191, 0, 110



64, 0, 37

Inverse Universe

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



255, 113, 195



255, 84, 183



113, 187, 255



128, 115, 122



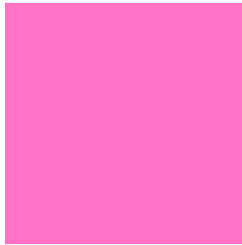
191, 0, 110



64, 0, 37

Previews

White Background



This preview shows how the RYB color 255, 113, 195 looks on a white background.

Color Contrast Check

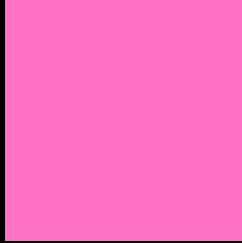
Large Text (above 18pt) WCAG AA × Fail

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, 113, 195 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](#).

R Y B 255, 113, 195 Background



This preview shows how black text looks on a background with the R Y B color 255, 113, 195.



This preview shows how white text looks on a background with the R Y B color 255, 113, 195.

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, 113, 195

Protanopia
143, 159, 230

Deuteranopia
169, 160, 187



Tritanopia
249, 126, 135

Trichromacy



Original Color

255, 113, 195



Protanomaly

184, 144, 217



Deuteranomaly

200, 143, 190



Tritanomaly

251, 121, 157

Monochromacy



Original Color

255, 113, 195



Achromatopsia

165, 165, 165



Achromatomaly

198, 146, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 113, 195 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, 113, 195) looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 195)  
}
```

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, 113, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 195) }
```

Border

The CSS property to change the border of an element to RYB 255, 113, 195 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, 113, 195) }
```

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

```
.border{ border-color:rgb(255, 113, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 113, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 113, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 113, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 113,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 255, 113, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 113, 195) }
```

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

```
.background{ background-color: rgb(255,  
113, 195) }
```

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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