

Converting Colors

`RYB(255, 116, 154)`

Have a look what the booklet for
RYB(255, 116, 154) contains.

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Color

RYB(255, 116, 154)

Conversions

Conversions Part 1

Format	Color
Hex	FF749A
RGB	255, 116, 154
RGB Percent	100%, 45%, 60%
CMY	0.0000, 0.5451, 0.3961
CMYK	0.00, 0.55, 0.40, 0.00
HSL	344°, 100%, 73%
HSV	344°, 55%, 100%
XYZ	53.3181, 36.0839, 34.7266
YIQ	161.8930, 70.6460, 41.2860

Conversions

Conversions Part 2

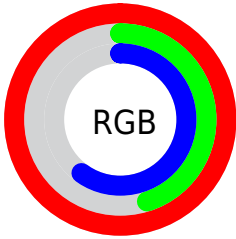
Format	Color
R_{YB}	255, 116, 154
Decimal	16741530
CIE _{Lab}	66.58, 56.40, 5.74
CIE _{LCh}	67, 56.691, 5.811
Yxy	36.0839, 0.4295, 0.2907
Android (android.graphics.Color)	4294931610 (0xFFFF749A)
YUV	161.8930, -3.8912, 81.6548
Hunter-Lab	60.0699, 53.3147, 7.7732

Details

The RYB color **255, 116, 154** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **116, 197, 255**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 172, 208**, and **194, 60, 103** is the 20% darker color. If you saturate the color by 10%, you get **255, 90, 135**, and if you desaturate by 10%, it is **255, 142, 173**.

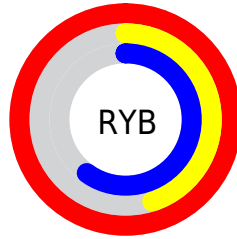
Distribution



Red (100%)

Green (45%)

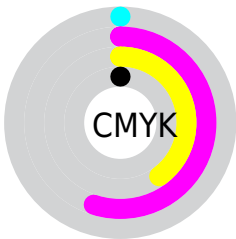
Blue (60%)



Red (100%)

Yellow (45%)

Blue (60%)

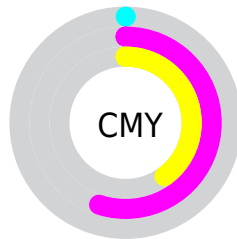


Cyan (0%)

Magenta (55%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (55%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 116, 154 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, 116, 154 by changing the saturation by 10% instead.

 255, 116, 154

 255, 116, 154

255, 255, 255

 224, 88, 128

 255, 172, 208

 194, 60, 103

 255, 201, 236

 165, 27, 79

 255, 230, 255

 135, 0, 57

 106, 0, 35

 78, 0, 13

 51, 0, 2

 0, 0, 0

 255, 116, 154

 255, 116, 154

■ 255, 90, 135

■ 255, 142, 173

■ 255, 65, 117

■ 255, 167, 191

■ 255, 39, 98

■ 255, 193, 210

■ 255, 14, 80

■ 255, 218, 228

■ 255, 0, 70

■ 255, 243, 247

255, 255, 255

Harmonies

Analogous

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



232, 125, 205



255, 116, 154



250, 128, 105

Triad

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



255, 116, 154



75, 176, 124



0, 105, 254

Complementary

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



255, 116, 154



116, 197, 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, 100, 220



255, 116, 154



43, 135, 184

Square

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



255, 116, 154



74, 181, 53



0, 98, 187



79, 136, 255

Rectangle

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



255, 116, 154



234, 173, 78



0, 98, 187



0, 104, 245

Sweetspot

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



255, 116, 154



255, 214, 225



216, 116, 255



128, 103, 110



0, 0, 0



128, 128, 128

Same Dimension

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



255, 116, 154



255, 89, 135



255, 154, 116



128, 115, 118



191, 0, 52



64, 0, 17

Inverse Universe

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



255, 116, 154



255, 89, 135



116, 177, 255



128, 115, 118



191, 0, 52



64, 0, 17

Previews

White Background



This preview shows how the RYB color 255, 116, 154 looks on a white background.

Color Contrast Check

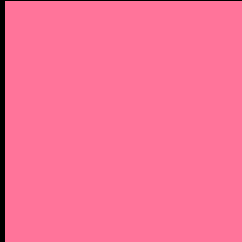
Large Text (above 18pt) WCAG AA × Fail

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, 116, 154 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, 116, 154 Background



This preview shows how black text looks on a background with the RYB color 255, 116, 154.



This preview shows how white text looks on a background with the RYB color 255, 116, 154.

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, 116, 154

Protanopia
160, 161, 180

Deuteranopia
183, 160, 148



Tritanopia
253, 121, 129

Trichromacy



Original Color

255, 116, 154



Protanomaly

195, 145, 171



Deuteranomaly

209, 142, 150



Tritanomaly

254, 119, 138

Monochromacy



Original Color

255, 116, 154



Achromatopsia

162, 162, 162



Achromatomaly

196, 145, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 116, 154 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, 116, 154) looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 154)  
}
```

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, 116, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 154) }
```

Border

The CSS property to change the border of an element to RYB 255, 116, 154 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, 116, 154) }
```

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

```
.border{ border-color:rgb(255, 116, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 116, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
154) }
```

Background

The CSS property to change the background color of an element to RGB 255, 116, 154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 154) }
```

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

```
.background{ background-color: rgb(255,  
116, 154) }
```

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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