

Converting Colors

`RYB(255, 106, 155)`

Have a look what the booklet for
RYB(255, 106, 155) contains.

RYB(255, 106, 155)	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

R_YB(255, 106, 155)

Conversions

Conversions Part 1

Format	Color
Hex	FF6A9B
RGB	255, 106, 155
RGB Percent	100%, 42%, 61%
CMY	0.0000, 0.5843, 0.3922
CMYK	0.00, 0.58, 0.39, 0.00
HSL	340°, 100%, 71%
HSV	340°, 58%, 100%
XYZ	52.3104, 33.9346, 34.8033
YIQ	156.1370, 73.0750, 46.8270

Conversions

Conversions Part 2

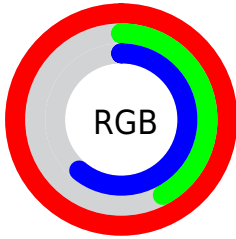
Format	Color
R_{YB}	255, 106, 155
Decimal	16738971
CIE _{Lab}	64.91, 61.00, 2.75
CIE _{LCh}	65, 61.060, 2.585
Yxy	33.9346, 0.4321, 0.2803
Android (android.graphics.Color)	4294929051 (0xFFFF6A9B)
YUV	156.1370, -0.5605, 86.7029
Hunter-Lab	58.2534, 58.3460, 5.3548

Details

The RYB color **255, 106, 155** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **106, 195, 255**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **255, 163, 209**, and **194, 47, 104** is the 20% darker color. If you saturate the color by 10%, you get **255, 81, 138**, and if you desaturate by 10%, it is **255, 132, 172**.

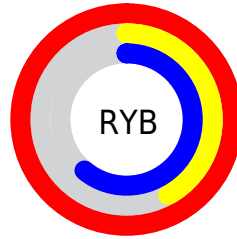
Distribution



Red (100%)

Green (42%)

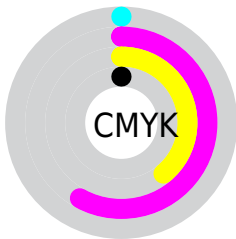
Blue (61%)



Red (100%)

Yellow (42%)

Blue (61%)

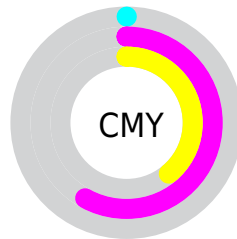


Cyan (0%)

Magenta (58%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 106, 155 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, 106, 155 by changing the saturation by 10% instead.

 255, 106, 155

 255, 106, 155

255, 255, 255

 224, 77, 129

 255, 163, 209

 194, 47, 104

 255, 191, 238

 164, 0, 80

 255, 221, 255

 135, 0, 57

 255, 250, 255


 106, 0, 36

 77, 0, 14

 49, 0, 2

 0, 0, 0

 255, 106, 155

 255, 106, 155

■ 255, 81, 138

■ 255, 132, 172

■ 255, 55, 121

■ 255, 157, 189

■ 255, 30, 104

■ 255, 183, 206

■ 255, 4, 87

■ 255, 208, 223

■ 255, 0, 84

■ 255, 234, 241

255, 255, 255

Harmonies

Analogous

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



227, 118, 209



255, 106, 155



252, 116, 102

Triad

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



255, 106, 155



58, 171, 103



0, 104, 254

Complementary

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



255, 106, 155



106, 195, 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, 99, 215



255, 106, 155



32, 131, 180

Square

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



255, 106, 155



68, 182, 36



0, 98, 184



5, 101, 255

Rectangle

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



255, 106, 155



236, 158, 71



0, 98, 184



0, 103, 243

Sweetspot

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



255, 106, 155



255, 209, 224



205, 106, 255



128, 99, 109



0, 0, 0



128, 128, 128

Same Dimension

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



255, 106, 155



255, 77, 135



255, 136, 106



128, 115, 119



191, 0, 63



64, 0, 21

Inverse Universe

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



255, 106, 155



255, 77, 135



106, 174, 255



128, 115, 119



191, 0, 63



64, 0, 21

Previews

White Background



This preview shows how the RYB color 255, 106, 155 looks on a white background.

Color Contrast Check

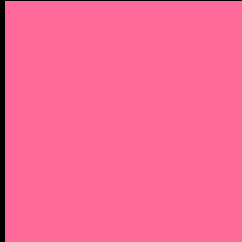
Large Text (above 18pt) WCAG AA × Fail

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, 106, 155 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, 106, 155 Background



This preview shows how black text looks on a background with the RYB color 255, 106, 155.

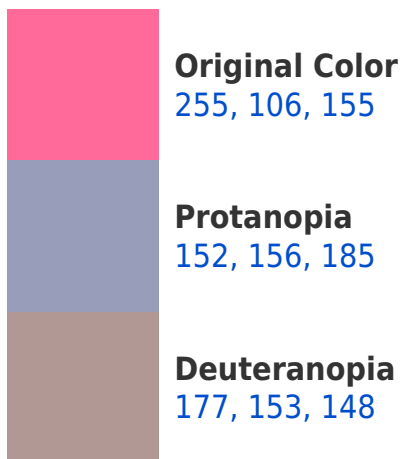



This preview shows how white text looks on a background with the RYB color 255, 106, 155.

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
252, 113, 120

Trichromacy



Original Color

255, 106, 155



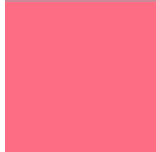
Protanomaly

189, 138, 174



Deuteranomaly

205, 135, 151



Tritanomaly

253, 110, 133

Monochromacy



Original Color

255, 106, 155



Achromatopsia

156, 156, 156



Achromatomaly

192, 138, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 106, 155 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, 106, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 155)  
}
```

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, 106, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 155) }
```

Border

The CSS property to change the border of an element to RYB 255, 106, 155 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, 106, 155) }
```

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

```
.border{ border-color:rgb(255, 106, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 106, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 106, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 106, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 106,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 255, 106, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 106, 155) }
```

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

```
.background{ background-color: rgb(255,  
106, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor