

Converting Colors

`RYB(255, 113, 164)`

Have a look what the booklet for
RYB(255, 113, 164) contains.

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Color

`RYB(255, 113, 164)`

Conversions

Conversions Part 1

Format	Color
Hex	FF71A4
RGB	255, 113, 164
RGB Percent	100%, 44%, 64%
CMY	0.0000, 0.5569, 0.3569
CMYK	0.00, 0.56, 0.36, 0.00
HSL	338°, 100%, 72%
HSV	338°, 56%, 100%
XYZ	53.8460, 35.7506, 39.1845
YIQ	161.2720, 68.2610, 45.9650

Conversions

Conversions Part 2

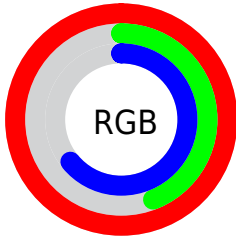
Format	Color
RYB	255, 113, 164
Decimal	16740772
CIELab	66.33, 58.86, -0.31
CIELCh	66, 58.856, 359.695
Yxy	35.7506, 0.4181, 0.2776
Android (android.graphics.Color)	4294930852 (0xFFFF71A4)
YUV	161.2720, 1.3449, 82.1995
Hunter-Lab	59.7918, 56.1139, 2.9986

Details

The RYB color **255, 113, 164** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **113, 200, 255**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 169, 219**, and **194, 56, 112** is the 20% darker color. If you saturate the color by 10%, you get **255, 88, 148**, and if you desaturate by 10%, it is **255, 139, 180**.

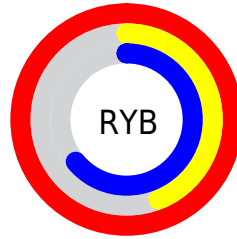
Distribution



Red (100%)

Green (44%)

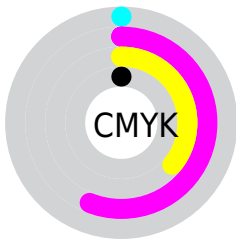
Blue (64%)



Red (100%)

Yellow (44%)

Blue (64%)

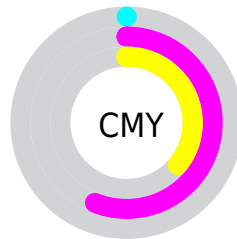


Cyan (0%)

Magenta (56%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 113, 164 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, 164 by changing the saturation by 10% instead.

 255, 113, 164

 255, 113, 164

255, 255, 255

 224, 85, 138

 255, 169, 219

 194, 56, 112

 255, 198, 247

 165, 20, 88

 255, 227, 255

 136, 0, 65

 107, 0, 43

 79, 0, 23

 52, 0, 2

 0, 0, 0

 255, 113, 164

 255, 113, 164

■ 255, 88, 148

■ 255, 139, 180

■ 255, 62, 131

■ 255, 164, 197

■ 255, 36, 115

■ 255, 190, 213

■ 255, 11, 99

■ 255, 215, 229

■ 255, 0, 92

■ 255, 241, 246

255, 255, 255

Harmonies

Analogous

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



225, 126, 215



255, 113, 164



255, 119, 112

Triad

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



255, 113, 164



63, 173, 99



0, 105, 252

Complementary

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



255, 113, 164



113, 200, 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, 212



255, 113, 164



61, 151, 183

Square

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



255, 113, 164



88, 190, 47



0, 101, 187



0, 101, 255

Rectangle

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



255, 113, 164



241, 153, 82



0, 101, 187



0, 104, 241

Sweetspot

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



255, 113, 164



255, 212, 227



203, 113, 255



128, 102, 111



0, 0, 0



128, 128, 128

Same Dimension

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



255, 113, 164



255, 84, 146



255, 135, 113



128, 115, 119



191, 0, 69



64, 0, 23

Inverse Universe

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



255, 113, 164



255, 84, 146



113, 179, 255



128, 115, 119



191, 0, 69



64, 0, 23

Previews

White Background



This preview shows how the RYB color 255, 113, 164 looks on a white background.

Color Contrast Check

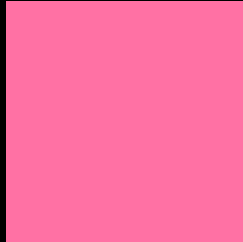
Large Text (above 18pt) WCAG AA × Fail

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, 164 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, 113, 164 Background



This preview shows how black text looks on a background with the RYB color 255, 113, 164.



This preview shows how white text looks on a background with the RYB color 255, 113, 164.

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, 164

Protanopia
155, 159, 193

Deuteranopia
179, 156, 157



Tritanopia
252, 120, 128

Trichromacy



Original Color

255, 113, 164



Protanomaly

191, 143, 182



Deuteranomaly

207, 140, 160



Tritanomaly

253, 117, 141

Monochromacy



Original Color

255, 113, 164



Achromatopsia

161, 161, 161



Achromatomaly

195, 144, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 113, 164 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 164) }
```

Border

The CSS property to change the border of an element to RYB 255, 113, 164 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, 164) }
```

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

```
.border{ border-color:rgb(255, 113, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 113, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 113, 164); box-shadow:4px 4px 4px 4px rgb(255, 113, 164) }
```

Background

The CSS property to change the background color of an element to RYB 255, 113, 164 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, 164) }
```

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

```
.background{ background-color: rgb(255,  
113, 164) }
```

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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