

Converting Colors

$Y_{xy}(29.9139, 0.4724, 0.2895)$

Have a look what the booklet for
Yxy(29.9139, 0.4724, 0.2895)
contains.

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Color

Yxy(29.8781, 0.4723, 0.2890)

Conversions

Conversions Part 1

Format	Color
Hex	FF5883
RGB	255, 88, 131
RGB Percent	100%, 35%, 51%
CMY	0.0000, 0.6549, 0.4861
CMYK	0.00, 0.65, 0.49, 0.00
HSL	345°, 100%, 67%
HSV	345°, 65%, 100%
XYZ	48.8285, 29.8781, 24.6779
YIQ	142.8350, 85.7290, 48.7770

Conversions

Conversions Part 2

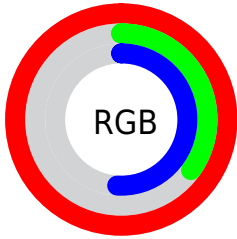
Format	Color
R _Y B	255, 88, 131
Decimal	16734339
CIE Lab	61.55, 66.19, 11.77
CIE LCh	62, 67.225, 10.079
Yxy	29.8781, 0.4723, 0.2890
Android (android.graphics.Color)	4294924419 (0xFFFF5883)
YUV	142.8350, -5.8347, 98.3687
Hunter-Lab	54.6609, 63.7973, 11.4948

Details

The Yxy color **29.8781, 0.4723, 0.2890** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **78.3469, 0.2524, 0.3828**, and the grayscale version is **27.3989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.2785, 0.3848, 0.2896**, and **12.2607, 0.5256, 0.2723** is the 20% darker color. If you saturate the color by 10%, you get **25.9324, 0.5114, 0.2888**, and if you desaturate by 10%, it is **35.3838, 0.4356, 0.2925**.

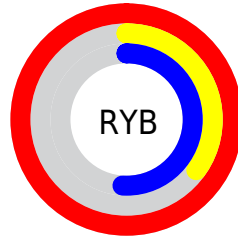
Distribution



Red (100%)

Green (35%)

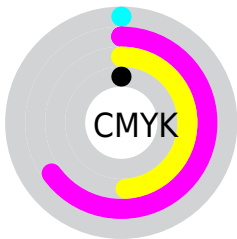
Blue (51%)



Red (100%)

Yellow (35%)

Blue (51%)

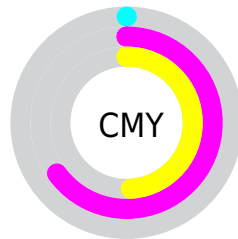


Cyan (0%)

Magenta (65%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (65%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8781, 0.4723, 0.2890 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 Yxy color 29.8781, 0.4723, 0.2890 by changing the saturation by 10% instead.


 29.8781, 0.4723,
0.2890

 29.8781, 0.4723,
0.2890


301.3358, 0.3867,
0.3127


 19.7461, 0.4952,
0.2818


 59.4693, 0.4400,
0.2985


 12.2106, 0.5254,
0.2719


 79.6974, 0.4282,
0.3018

 6.8873, 0.5665,
0.2574


 104.0595, 0.4183,
0.3045

 3.3917, 0.6248,
0.2350

 132.9402, 0.4100,
0.3067

 1.3395, 0.7158,
0.1994

166.7237, 0.4029,
0.3086

 0.1715, 0.9267,
0.0733

205.7946, 0.3968,

 0.0000, 1.0000,

0.3102

0.0000

250.5372, 0.3914,
0.3116

0.0000, 0.0000,
0.0000

29.8781, 0.4723,
0.2890

29.8781, 0.4723,
0.2890

25.9324, 0.5114,
0.2888

35.3838, 0.4356,
0.2925

23.3768, 0.5495,
0.2927

42.5868, 0.4033,
0.2981


22.0088, 0.5826,
0.3009

51.6147, 0.3759,
0.3048

21.6499, 0.5952,
0.3052

62.5813, 0.3532,
0.3118

75.5912, 0.3347,
0.3189

 90.7415, 0.3197,
0.3255

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



29.8781, 0.3675, 0.2300



29.8781, 0.4723, 0.2890



29.8781, 0.5221, 0.3575

Triad

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



29.8781, 0.4723, 0.2890



29.8781, 0.3334, 0.5317



29.8781, 0.1464, 0.1906

Complementary

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



29.8781, 0.4723, 0.2890



78.3469, 0.2524, 0.3828

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.



29.8781, 0.1404, 0.2438



29.8781, 0.4723, 0.2890



29.8781, 0.2383, 0.4703

Square

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



29.8781, 0.4723, 0.2890



29.8781, 0.4281, 0.5016



29.8781, 0.1695, 0.3457



29.8781, 0.1852, 0.1757

Rectangle

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



29.8781, 0.4723, 0.2890



29.8781, 0.5143, 0.4062



29.8781, 0.1695, 0.3457



29.8781, 0.1408, 0.2035

Sweetspot

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



29.8796, 0.4723, 0.2890



69.4628, 0.3426, 0.3157



27.9704, 0.2778, 0.1610



14.0969, 0.3479, 0.3137



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



29.8796, 0.4723, 0.2890



24.8860, 0.5251, 0.2897



37.1355, 0.4986, 0.3660



18.0639, 0.3254, 0.3229



11.3329, 0.5911, 0.3030



1.1203, 0.5595, 0.2856

Inverse Universe

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



29.8796, 0.4723, 0.2890



24.8860, 0.5251, 0.2897



58.4241, 0.2237, 0.2802



18.0639, 0.3254, 0.3229



11.3329, 0.5911, 0.3030



1.1203, 0.5595, 0.2856

Previews

White Background



This preview shows how the Yxy color 29.8781, 0.4723, 0.2890 looks on a white background.

Color Contrast Check

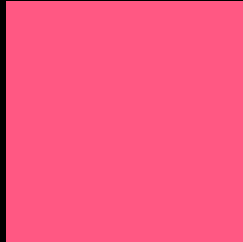
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 29.8781, 0.4723, 0.2890 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.8781, 0.4723, 0.2890

Background



This preview shows how black text looks on a background with the Yxy color 29.8781, 0.4723, 0.2890.



This preview shows how white text looks on a background with the Yxy color 29.8781, 0.4723, 0.2890.

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

29.8781, 0.4723, 0.2890

Protanopia

30.0272, 0.2978, 0.3059

Deuteranopia

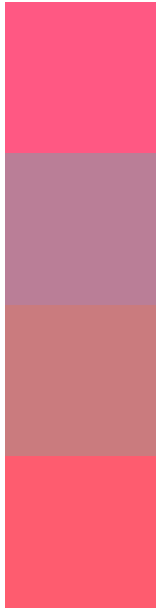
29.8456, 0.3657, 0.3589



Tritanopia

29.8082, 0.5090, 0.3241

Trichromacy



Original Color

29.8781, 0.4723, 0.2890

Protanomaly

27.5952, 0.3552, 0.2944

Deuteranomaly

28.2288, 0.4058, 0.3253

Tritanomaly

29.8728, 0.4969, 0.3120

Monochromacy



Original Color

29.8781, 0.4723, 0.2890

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.2203, 0.3683, 0.3065

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8781, 0.4723, 0.2890 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, 88, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 88, 131)  
}
```

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, 88, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 88, 131) }
```

Border

The CSS property to change the border of an element to Yxy 29.8781, 0.4723, 0.2890 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, 88, 131) }
```

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

```
.border{ border-color:rgb(255, 88, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 88, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 88, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 88, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 88,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8781, 0.4723, 0.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 88, 131) }
```

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

```
.background{ background-color: rgb(255, 88,  
131) }
```

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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