

Converting Colors

$Y_{xy}(30.8619, 0.4540, 0.2802)$

Have a look what the booklet for
Yxy(30.8619, 0.4540, 0.2802)
contains.

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Color

Yxy(30.8975, 0.4538, 0.2803)

Conversions

Conversions Part 1

Format	Color
Hex	FF5C8F
RGB	255, 92, 143
RGB Percent	100%, 36%, 56%
CMY	0.0000, 0.6391, 0.4393
CMYK	0.00, 0.64, 0.44, 0.00
HSL	341°, 100%, 68%
HSV	341°, 64%, 100%
XYZ	50.0224, 30.8975, 29.3102
YIQ	146.5510, 80.7770, 50.4170

Conversions

Conversions Part 2

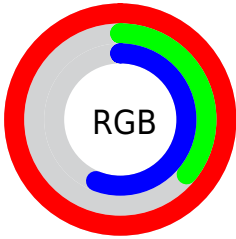
Format	Color
R _Y B	255, 92, 143
Decimal	16735375
CIE Lab	62.42, 65.67, 6.07
CIE LCh	62, 65.946, 5.283
Yxy	30.8975, 0.4538, 0.2803
Android (android.graphics.Color)	4294925455 (0xFFFF5C8F)
YUV	146.5510, -1.7506, 95.1098
Hunter-Lab	55.5855, 63.3608, 7.6463

Details

The Yxy color **30.8975, 0.4538, 0.2803** 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 **78.1520, 0.2570, 0.3932**, and the grayscale version is **28.9681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.1039, 0.3705, 0.2804**, and **12.7406, 0.5000, 0.2624** is the 20% darker color. If you saturate the color by 10%, you get **26.7087, 0.4896, 0.2785**, and if you desaturate by 10%, it is **36.6586, 0.4208, 0.2854**.

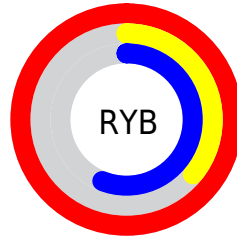
Distribution



Red (100%)

Green (36%)

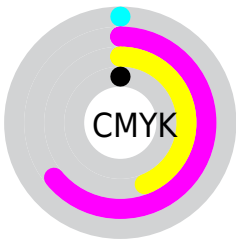
Blue (56%)



Red (100%)

Yellow (36%)

Blue (56%)

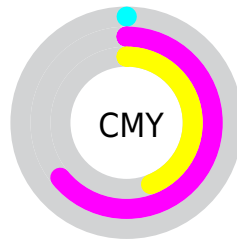


Cyan (0%)

Magenta (64%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (64%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8975, 0.4538, 0.2803 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 30.8975, 0.4538, 0.2803 by changing the saturation by 10% instead.

 30.8975, 0.4538,
0.2803


 30.8975, 0.4538,
0.2803


306.0658, 0.3787,
0.3073

 20.5208, 0.4738,
0.2727


 61.0787, 0.4255,
0.2907

 12.7742, 0.5002,
0.2626


 81.6519, 0.4152,
0.2944

 7.2732, 0.5362,
0.2483


 106.3928, 0.4066,
0.2975

 3.6336, 0.5877,
0.2270

 135.6858, 0.3993,
0.3001

 1.4708, 0.6654,
0.1932

169.9151, 0.3930,
0.3023

 0.2680, 0.8965,
0.1035

209.4653, 0.3876,

 0.0000, 1.0000,

0.3042

0.0000

254.7208, 0.3829,
0.3058

■ 0.0000, 0.0000,
0.0000

■ 30.8975, 0.4538,
0.2803

■ 30.8975, 0.4538,
0.2803

■ 26.7087, 0.4896,
0.2785

■ 36.6586, 0.4208,
0.2854

■ 23.9274, 0.5257,
0.2812

■ 44.1249, 0.3920,
0.2927

■ 22.3604, 0.5589,
0.2887

■ 53.4210, 0.3676,
0.3010

■ 21.8340, 0.5766,
0.2950

■ 64.6582, 0.3474,
0.3096

■ 77.9389, 0.3308,
0.3180

 93.3584, 0.3173,
0.3260

99.9985, 0.3127,
0.3290

Harmonies

Analogous

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



30.8975, 0.3484, 0.2247



30.8975, 0.4538, 0.2803



30.8975, 0.5134, 0.3467

Triad

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



30.8975, 0.4538, 0.2803



30.8975, 0.3492, 0.5259



30.8975, 0.1470, 0.1997

Complementary

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



30.8975, 0.4538, 0.2803



78.1520, 0.2570, 0.3932

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.



30.8975, 0.1464, 0.2592



30.8975, 0.4538, 0.2803



30.8975, 0.2547, 0.4811

Square

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



30.8975, 0.4538, 0.2803



30.8975, 0.4395, 0.4882



30.8975, 0.1815, 0.3650



30.8975, 0.1799, 0.1794

Rectangle

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



30.8975, 0.4538, 0.2803



30.8975, 0.5137, 0.3940



30.8975, 0.1815, 0.3650



30.8975, 0.1432, 0.2145

Sweetspot

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



30.8992, 0.4538, 0.2803



70.9259, 0.3388, 0.3137



27.6278, 0.2714, 0.1609



14.3875, 0.3437, 0.3113



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.



30.8992, 0.4538, 0.2803



25.7096, 0.5008, 0.2788



35.9257, 0.4988, 0.3576



18.0807, 0.3245, 0.3216



11.4331, 0.5723, 0.2926



1.1319, 0.5403, 0.2750

Inverse Universe

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



30.8992, 0.4538, 0.2803



25.7096, 0.5008, 0.2788



63.4079, 0.2277, 0.2921



18.0807, 0.3245, 0.3216



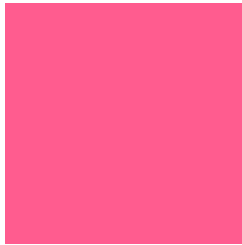
11.4331, 0.5723, 0.2926



1.1319, 0.5403, 0.2750

Previews

White Background



This preview shows how the Yxy color 30.8975, 0.4538, 0.2803 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 Yxy color 30.8975, 0.4538, 0.2803 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](#).

Yxy 30.8975, 0.4538, 0.2803

Background



This preview shows how black text looks on a background with the Yxy color 30.8975, 0.4538, 0.2803.



This preview shows how white text looks on a background with the Yxy color 30.8975, 0.4538, 0.2803.

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

30.8975, 0.4538, 0.2803

Protanopia

31.0980, 0.2848, 0.2885

Deuteranopia

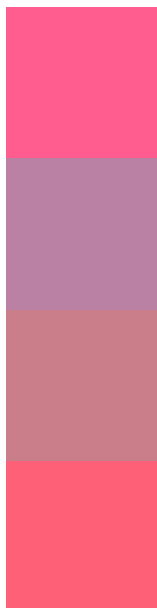
31.0777, 0.3519, 0.3453



Tritanopia

31.0376, 0.4975, 0.3239

Trichromacy



Original Color

30.8975, 0.4538, 0.2803

Protanomaly

28.8562, 0.3385, 0.2800

Deuteranomaly

29.3132, 0.3894, 0.3135

Tritanomaly

30.9521, 0.4833, 0.3086

Monochromacy



Original Color

30.8975, 0.4538, 0.2803

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

27.6932, 0.3609, 0.3026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8975, 0.4538, 0.2803 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, 92, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 143)  
}
```

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, 92, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 143) }
```

Border

The CSS property to change the border of an element to Yxy 30.8975, 0.4538, 0.2803 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, 92, 143) }
```

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

```
.border{ border-color:rgb(255, 92, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 92, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8975, 0.4538, 0.2803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 143) }
```

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

```
.background{ background-color: rgb(255, 92,  
143) }
```

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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