

Converting Colors

Yxy(29.0408, 0.4816, 0.2906)

Have a look what the booklet for
Yxy(29.0408, 0.4816, 0.2906)
contains.

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Color

Yxy(29.1070, 0.4813, 0.2908)

Conversions

Conversions Part 1

Format	Color
Hex	FF547E
RGB	255, 84, 126
RGB Percent	100%, 33%, 49%
CMY	0.0000, 0.6705, 0.5060
CMYK	0.00, 0.67, 0.51, 0.00
HSL	345°, 100%, 66%
HSV	345°, 67%, 100%
XYZ	48.1747, 29.1070, 22.8112
YIQ	139.9170, 88.4340, 49.3140

Conversions

Conversions Part 2

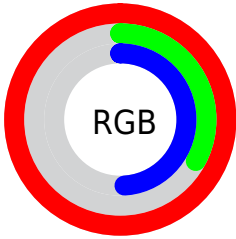
Format	Color
R _Y B	255, 84, 126
Decimal	16733310
CIE Lab	60.88, 67.29, 13.76
CIE LCh	61, 68.685, 11.557
Yxy	29.1070, 0.4813, 0.2908
Android (android.graphics.Color)	4294923390 (0xFFFF547E)
YUV	139.9170, -6.8611, 100.9278
Hunter-Lab	53.9509, 64.9749, 12.6970

Details

The Yxy color **29.1070, 0.4813, 0.2908** 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 **78.2099, 0.2509, 0.3815**, and the grayscale version is **26.1952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.1193, 0.3921, 0.2927**, and **11.7423, 0.5381, 0.2738** is the 20% darker color. If you saturate the color by 10%, you get **25.3941, 0.5211, 0.2914**, and if you desaturate by 10%, it is **34.3585, 0.4434, 0.2936**.

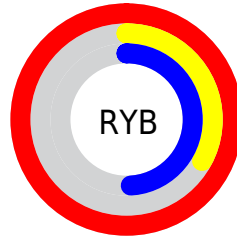
Distribution



Red (100%)

Green (33%)

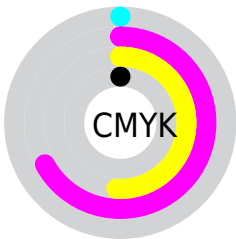
Blue (49%)



Red (100%)

Yellow (33%)

Blue (49%)

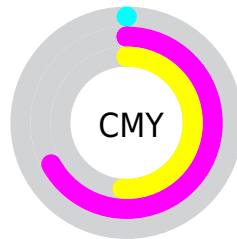


Cyan (0%)

Magenta (67%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (67%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1070, 0.4813, 0.2908 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 29.1070, 0.4813, 0.2908 by changing the saturation by 10% instead.


 29.1070, 0.4813,
0.2908


 29.1070, 0.4813,
0.2908


297.7195, 0.3905,
0.3142

 19.1618, 0.5057,
0.2835


 58.2470, 0.4469,
0.3004

 11.7872, 0.5377,
0.2733


 78.2107, 0.4344,
0.3036

 6.5990, 0.5813,
0.2582


 102.2825, 0.4240,
0.3063

 3.2126, 0.6427,
0.2345

 130.8470, 0.4152,
0.3084

 1.2437, 0.7457,
0.1986

164.2886, 0.4077,
0.3102

 0.0970, 0.9556,
0.0444

202.9916, 0.4012,


 0.0000, 1.0000,


0.3117

0.0000


247.3404, 0.3955,
0.3131

 0.0000, 0.0000,
0.0000


 29.1070, 0.4813,
0.2908


 29.1070, 0.4813,
0.2908


 25.3941, 0.5211,
0.2914


 34.3585, 0.4434,
0.2936


 23.0445, 0.5591,
0.2960


 41.2891, 0.4097,
0.2986


 21.8433, 0.5909,
0.3046

 50.0287, 0.3810,
0.3049

 21.6138, 0.5989,
0.3073

 60.6931, 0.3572,
0.3116

 73.3885, 0.3377,
0.3183

 88.2132, 0.3220,
0.3247

99.9996, 0.3127,
0.3290

Harmonies

Analogous

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



29.1070, 0.3748, 0.2301



29.1070, 0.4813, 0.2908



29.1070, 0.5283, 0.3607

Triad

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



29.1070, 0.4813, 0.2908



29.1070, 0.3279, 0.5377



29.1070, 0.1439, 0.1856

Complementary

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



29.1070, 0.4813, 0.2908



78.2099, 0.2509, 0.3815

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.



29.1070, 0.1360, 0.2372



29.1070, 0.4813, 0.2908



29.1070, 0.2315, 0.4697

Square

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



29.1070, 0.4813, 0.2908



29.1070, 0.4255, 0.5084



29.1070, 0.1633, 0.3395



29.1070, 0.1850, 0.1722

Rectangle

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



29.1070, 0.4813, 0.2908



29.1070, 0.5175, 0.4105



29.1070, 0.1633, 0.3395



29.1070, 0.1377, 0.1979

Sweetspot

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



29.1086, 0.4813, 0.2908



69.4304, 0.3431, 0.3163



27.5976, 0.2793, 0.1591



14.0893, 0.3485, 0.3145



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.



29.1086, 0.4813, 0.2908



24.5686, 0.5327, 0.2923



37.0172, 0.5025, 0.3691



18.0602, 0.3255, 0.3232



11.3136, 0.5950, 0.3051



1.1180, 0.5636, 0.2879

Inverse Universe

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



29.1086, 0.4813, 0.2908



24.5686, 0.5327, 0.2923



56.3187, 0.2213, 0.2751



18.0602, 0.3255, 0.3232



11.3136, 0.5950, 0.3051



1.1180, 0.5636, 0.2879

Previews

White Background



This preview shows how the Yxy color 29.1070, 0.4813, 0.2908 looks on a white background.

Color Contrast Check

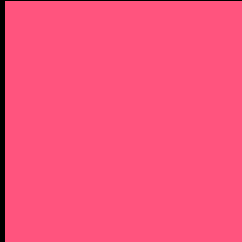
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1070, 0.4813, 0.2908 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 29.1070, 0.4813, 0.2908

Background



This preview shows how black text looks on a background with the Yxy color 29.1070, 0.4813, 0.2908.



This preview shows how white text looks on a background with the Yxy color 29.1070, 0.4813, 0.2908.

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

29.1070, 0.4813, 0.2908

Protanopia

29.1720, 0.3004, 0.3087

Deuteranopia

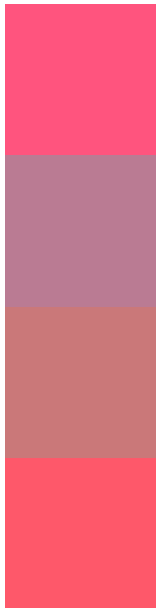
29.0157, 0.3709, 0.3637



Tritanopia

29.0212, 0.5180, 0.3252

Trichromacy



Original Color

29.1070, 0.4813, 0.2908

Protanomaly

26.7116, 0.3608, 0.2956

Deuteranomaly

27.3700, 0.4137, 0.3280

Tritanomaly

29.0909, 0.5059, 0.3134

Monochromacy



Original Color

29.1070, 0.4813, 0.2908

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.1273, 0.3720, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1070, 0.4813, 0.2908 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, 84, 126)` looks like.

```
.text, #text, p{  
  color:rgb(255, 84, 126)  
}
```

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, 84, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 126) }
```

Border

The CSS property to change the border of an element to Yxy 29.1070, 0.4813, 0.2908 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, 84, 126) }
```

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

```
.border{ border-color:rgb(255, 84, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 84, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 84, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 84, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 84,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1070, 0.4813, 0.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 84, 126) }
```

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

```
.background{ background-color: rgb(255, 84,  
126) }
```

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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