

Converting Colors

$Yxy(39.3051, 0.5230, 0.2973)$

Have a look what the booklet for
Yxy(39.3051, 0.5230, 0.2973)
contains.

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Color

Yxy(28.3583, 0.4836, 0.2869)

Conversions

Conversions Part 1

Format	Color
Hex	FF4F7E
RGB	255, 79, 126
RGB Percent	100%, 31%, 49%
CMY	0.0000, 0.6901, 0.5060
CMYK	0.00, 0.69, 0.51, 0.00
HSL	344°, 100%, 65%
HSV	344°, 69%, 100%
XYZ	47.8009, 28.3583, 22.6847
YIQ	136.9820, 89.8090, 51.9290

Conversions

Conversions Part 2

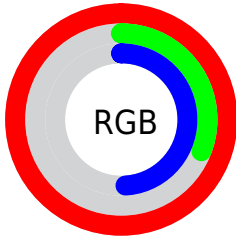
Format	Color
R_{YB}	255, 79, 126
Decimal	16732030
CIE _{Lab}	60.21, 69.12, 12.83
CIE _{LCh}	60, 70.306, 10.518
Yxy	28.3583, 0.4836, 0.2869
Android (android.graphics.Color)	4294922110 (0xFFFF4F7E)
YUV	136.9820, -5.4141, 103.5018
Hunter-Lab	53.2525, 67.0345, 12.0202

Details

The Yxy color **28.3583, 0.4836, 0.2869** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **77.7388, 0.2517, 0.3884**, and the grayscale version is **25.0062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.6513, 0.3936, 0.2876**, and **11.7423, 0.5381, 0.2738** is the 20% darker color. If you saturate the color by 10%, you get **24.9208, 0.5224, 0.2880**, and if you desaturate by 10%, it is **33.2987, 0.4463, 0.2895**.

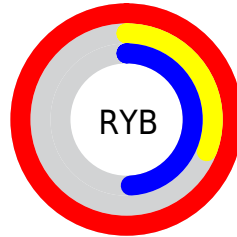
Distribution



Red (100%)

Green (31%)

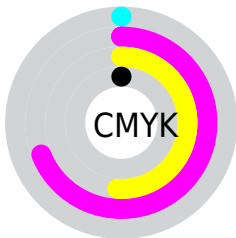
Blue (49%)



Red (100%)

Yellow (31%)

Blue (49%)

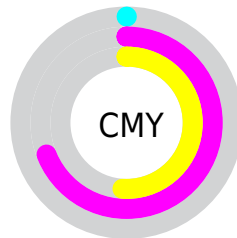


Cyan (0%)

Magenta (69%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (69%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3583, 0.4836, 0.2869 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 28.3583, 0.4836, 0.2869 by changing the saturation by 10% instead.

 28.3583, 0.4836,
0.2869


 28.3583, 0.4836,
0.2869


294.1751, 0.3913,
0.3123


 18.5959, 0.5085,
0.2791


 57.0560, 0.4486,
0.2972

 11.3787, 0.5412,
0.2682


 76.7601, 0.4359,
0.3008

 6.3221, 0.5858,
0.2521


 100.5469, 0.4253,
0.3036

 3.0419, 0.6487,
0.2272

 128.8007, 0.4164,
0.3060

 1.1537, 0.7554,
0.1898

161.9061, 0.4087,
0.3080

 0.0234, 0.9887,
0.0113

200.2474, 0.4021,

 0.0000, 1.0000,

0.3096

0.0000

244.2089, 0.3964,
0.3111

■ 0.0000, 0.0000,
0.0000

■ 28.3583, 0.4836,
0.2869

■ 28.3583, 0.4836,
0.2869

■ 24.9208, 0.5224,
0.2880

■ 33.2987, 0.4463,
0.2895

■ 22.8055, 0.5590,
0.2934

■ 39.8866, 0.4128,
0.2947


■ 21.7554, 0.5896,
0.3027

■ 48.2542, 0.3841,
0.3014

■ 21.6779, 0.5923,
0.3036

■ 58.5192, 0.3601,
0.3086

■ 70.7890, 0.3405,
0.3160

 85.1631, 0.3245,
0.3230

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.



28.3583, 0.3723, 0.2257



28.3583, 0.4836, 0.2869



28.3583, 0.5343, 0.3576

Triad

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



28.3583, 0.4836, 0.2869



28.3583, 0.3307, 0.5453



28.3583, 0.1392, 0.1829

Complementary

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



28.3583, 0.4836, 0.2869



77.7388, 0.2517, 0.3884

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.



28.3583, 0.1321, 0.2368



28.3583, 0.4836, 0.2869



28.3583, 0.2316, 0.4791

Square

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



28.3583, 0.4836, 0.2869



28.3583, 0.4304, 0.5104



28.3583, 0.1609, 0.3439



28.3583, 0.1796, 0.1685

Rectangle

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



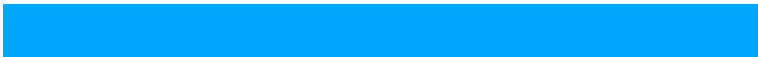
28.3583, 0.4836, 0.2869



28.3583, 0.5240, 0.4082



28.3583, 0.1609, 0.3439



28.3583, 0.1332, 0.1957

Sweetspot

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



28.3598, 0.4836, 0.2869



68.1878, 0.3441, 0.3145



25.8127, 0.2725, 0.1527



13.8501, 0.3493, 0.3125



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.



28.3598, 0.4836, 0.2869



23.9301, 0.5374, 0.2896



34.5810, 0.5156, 0.3636



18.0667, 0.3252, 0.3227



11.3481, 0.5882, 0.3014



1.1221, 0.5564, 0.2839

Inverse Universe

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



28.3598, 0.4836, 0.2869



23.9301, 0.5374, 0.2896



58.4415, 0.2215, 0.2810



18.0667, 0.3252, 0.3227



11.3481, 0.5882, 0.3014



1.1221, 0.5564, 0.2839

Previews

White Background



This preview shows how the Yxy color 28.3583, 0.4836, 0.2869 looks on a white background.

Color Contrast Check

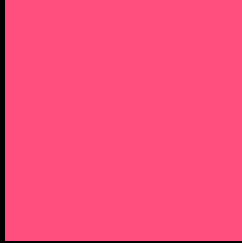
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3583, 0.4836, 0.2869 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 28.3583, 0.4836, 0.2869

Background



This preview shows how black text looks on a background with the Yxy color 28.3583, 0.4836, 0.2869.



This preview shows how white text looks on a background with the Yxy color 28.3583, 0.4836, 0.2869.

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

28.3583, 0.4836, 0.2869

Protanopia

28.3594, 0.2956, 0.3023

Deuteranopia

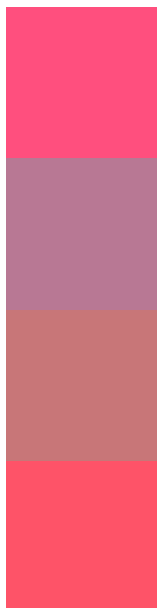
28.4755, 0.3701, 0.3640



Tritanopia

28.2936, 0.5258, 0.3253

Trichromacy



Original Color

28.3583, 0.4836, 0.2869

Protanomaly

25.7614, 0.3580, 0.2898

Deuteranomaly

26.5923, 0.4138, 0.3267

Tritanomaly

28.2568, 0.5116, 0.3111

Monochromacy



Original Color

28.3583, 0.4836, 0.2869

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

23.8875, 0.3735, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3583, 0.4836, 0.2869 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, 79, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 79, 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, 79, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 126) }
```

Border

The CSS property to change the border of an element to Yxy 28.3583, 0.4836, 0.2869 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, 79, 126) }
```

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

```
.border{ border-color:rgb(255, 79, 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, 79, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3583, 0.4836, 0.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 79, 126) }
```

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

```
.background{ background-color: rgb(255, 79,  
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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