

Converting Colors

Yxy(28.4668, 0.4315, 0.2449)

Have a look what the booklet for
Yxy(28.4668, 0.4315, 0.2449)
contains.

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Color

Yxy(28.4108, 0.4319, 0.2449)

Conversions

Conversions Part 1

Format	Color
Hex	FF47A3
RGB	255, 71, 163
RGB Percent	100%, 28%, 64%
CMY	0.0000, 0.7215, 0.3608
CMYK	0.00, 0.72, 0.36, 0.00
HSL	330°, 100%, 64%
HSV	330°, 72%, 100%
XYZ	50.1046, 28.4108, 37.4944
YIQ	136.5040, 80.1320, 67.6200

Conversions

Conversions Part 2

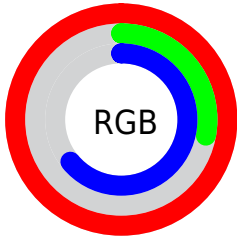
Format	Color
R_{YB}	255, 71, 163
Decimal	16730019
CIE Lab	60.26, 75.21, -8.70
CIE LCh	60, 75.712, 353.398
Yxy	28.4108, 0.4319, 0.2449
Android (android.graphics.Color)	4294920099 (0xFFFF47A3)
YUV	136.5040, 13.0625, 103.9210
Hunter-Lab	53.3018, 74.5151, -4.3954

Details

The Yxy color **28.4108, 0.4319, 0.2449** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **75.5045, 0.2688, 0.4512**, and the grayscale version is **24.7486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.0970, 0.3524, 0.2438**, and **12.4852, 0.4648, 0.2334** is the 20% darker color. If you saturate the color by 10%, you get **25.3860, 0.4569, 0.2430**, and if you desaturate by 10%, it is **32.8438, 0.4080, 0.2515**.

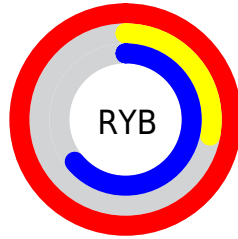
Distribution



Red (100%)

Green (28%)

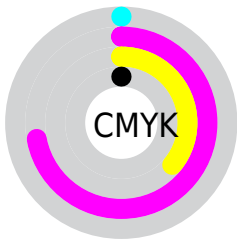
Blue (64%)



Red (100%)

Yellow (28%)

Blue (64%)

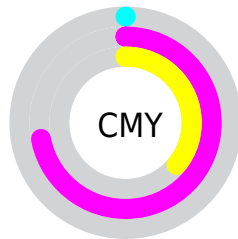


Cyan (0%)

Magenta (72%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (72%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4108, 0.4319, 0.2449 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 28.4108, 0.4319, 0.2449 by changing the saturation by 10% instead.


 28.4108, 0.4319,
0.2449


 28.4108, 0.4319,
0.2449

294.4247, 0.3692,
0.2879

 18.6356, 0.4484,
0.2340


 57.1396, 0.4084,
0.2607

 11.4072, 0.4701,
0.2199


 76.8620, 0.3998,
0.2666

 6.3414, 0.4997,
0.2013


 100.6689, 0.3926,
0.2715

 3.0538, 0.5420,
0.1755

 128.9447, 0.3865,
0.2758

 1.1599, 0.6064,
0.1383

162.0738, 0.3812,
0.2794

 0.0286, 0.7773,
0.0095

200.4405, 0.3767,

 0.0000, 1.0000,

0.2826

0.0000

244.4294, 0.3727,
0.2854

■ 0.0000, 0.0000,
0.0000

■ 28.4108, 0.4319,
0.2449

■ 28.4108, 0.4319,
0.2449

■ 25.3860, 0.4569,
0.2430

■ 32.8438, 0.4080,
0.2515

■ 23.5812, 0.4816,
0.2467


■ 38.8339, 0.3861,
0.2615

■ 22.8053, 0.5001,
0.2529

■ 46.5151, 0.3667,
0.2737

■ 56.0059, 0.3501,
0.2870

■ 67.4138, 0.3360,
0.3005

 80.8380, 0.3243,
0.3138

 96.3709, 0.3146,
0.3264

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.



28.4108, 0.3029, 0.1915



28.4108, 0.4319, 0.2449



28.4108, 0.5298, 0.3135

Triad

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



28.4108, 0.4319, 0.2449



28.4108, 0.3902, 0.5474



28.4108, 0.1217, 0.1994

Complementary

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



28.4108, 0.4319, 0.2449



75.5045, 0.2688, 0.4512

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.



28.4108, 0.1337, 0.2869



28.4108, 0.4319, 0.2449



28.4108, 0.2823, 0.5486

Square

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



28.4108, 0.4319, 0.2449



28.4108, 0.4864, 0.4732



28.4108, 0.1877, 0.4306



28.4108, 0.1436, 0.1637

Rectangle

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



28.4108, 0.4319, 0.2449



28.4108, 0.5494, 0.3633



28.4108, 0.1877, 0.4306



28.4108, 0.1217, 0.2218

Sweetspot

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



28.4121, 0.4319, 0.2449



67.6041, 0.3358, 0.3007



19.5146, 0.2338, 0.1289



13.7644, 0.3394, 0.2971



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.



28.4121, 0.4319, 0.2449



24.3719, 0.4690, 0.2441



26.2227, 0.5612, 0.3297



18.1386, 0.3215, 0.3172



11.9464, 0.4964, 0.2508



1.1852, 0.4710, 0.2368

Inverse Universe

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



28.4121, 0.4319, 0.2449



24.3719, 0.4690, 0.2441



80.0799, 0.2316, 0.3288



18.1386, 0.3215, 0.3172



11.9464, 0.4964, 0.2508



1.1852, 0.4710, 0.2368

Previews

White Background



This preview shows how the Yxy color 28.4108, 0.4319, 0.2449 looks on a white background.

Color Contrast Check

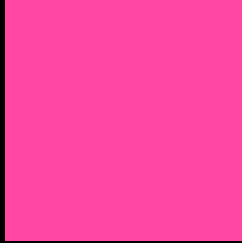
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4108, 0.4319, 0.2449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

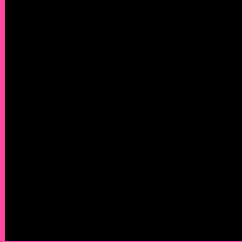
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4108, 0.4319, 0.2449

Background



This preview shows how black text looks on a background with the Yxy color 28.4108, 0.4319, 0.2449.



This preview shows how white text looks on a background with the Yxy color 28.4108, 0.4319, 0.2449.

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

28.4108, 0.4319, 0.2449

Protanopia

28.5590, 0.2401, 0.2305

Deuteranopia

28.4508, 0.3158, 0.3091



Tritanopia

28.2769, 0.5176, 0.3251

Trichromacy



Original Color

28.4108, 0.4319, 0.2449



Protanomaly

25.2755, 0.2928, 0.2250



Deuteranomaly

26.1316, 0.3573, 0.2741



Tritanomaly

28.0619, 0.4895, 0.2955

Monochromacy



Original Color

28.4108, 0.4319, 0.2449



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

23.5889, 0.3575, 0.2819

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4108, 0.4319, 0.2449 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, 71, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 163)  
}
```

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, 71, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 163) }
```

Border

The CSS property to change the border of an element to Yxy 28.4108, 0.4319, 0.2449 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, 71, 163) }
```

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

```
.border{ border-color:rgb(255, 71, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 71, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4108, 0.4319, 0.2449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 71, 163) }
```

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

```
.background{ background-color: rgb(255, 71,  
163) }
```

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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