

Converting Colors

$Y_{xy}(29.3963, 0.4105, 0.2334)$

Have a look what the booklet for
Yxy(29.3963, 0.4105, 0.2334)
contains.

Yxy(29.3719, 0.4100, 0.2328)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(29.3719, 0.4100, 0.2328)

Conversions

Conversions Part 1

Format	Color
Hex	FF4AB2
RGB	255, 74, 178
RGB Percent	100%, 29%, 70%
CMY	0.0000, 0.7098, 0.3019
CMYK	0.00, 0.71, 0.30, 0.00
HSL	326°, 100%, 65%
HSV	326°, 71%, 100%
XYZ	51.7289, 29.3719, 45.0672
YIQ	139.9750, 74.4920, 70.7160

Conversions

Conversions Part 2

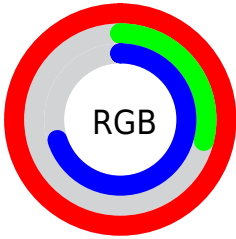
Format	Color
R _Y B	255, 74, 178
Decimal	16730802
CIE Lab	61.11, 75.86, -16.10
CIE LCh	61, 77.553, 348.015
Yxy	29.3719, 0.4100, 0.2328
Android (android.graphics.Color)	4294920882 (0xFFFF4AB2)
YUV	139.9750, 18.7463, 100.8769
Hunter-Lab	54.1958, 75.5320, -11.3662

Details

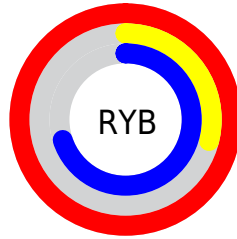
The Yxy color **29.3719, 0.4100, 0.2328** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **75.2092, 0.2746, 0.4676**, and the grayscale version is **26.1170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.8088, 0.3366, 0.2324**, and **12.9500, 0.4366, 0.2179** is the 20% darker color. If you saturate the color by 10%, you get **26.2103, 0.4302, 0.2287**, and if you desaturate by 10%, it is **33.9447, 0.3906, 0.2415**.

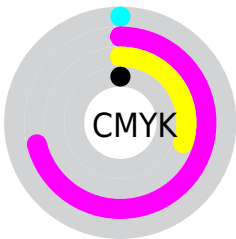
Distribution



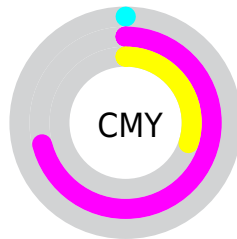
- Red (100%)
- Green (29%)
- Blue (70%)



- Red (100%)
- Yellow (29%)
- Blue (70%)



- Cyan (0%)
- Magenta (71%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3719, 0.4100, 0.2328 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 29.3719, 0.4100, 0.2328 by changing the saturation by 10% instead.


 29.3719, 0.4100,
0.2328


 29.3719, 0.4100,
0.2328


298.9657, 0.3600,
0.2805


 19.3623, 0.4228,
0.2212

 58.6674, 0.3916,
0.2500

 11.9324, 0.4394,
0.2065


 78.7222, 0.3847,
0.2564

 6.6977, 0.4616,
0.1874


 102.8942, 0.3790,
0.2620

 3.2737, 0.4928,
0.1618

 131.5677, 0.3741,
0.2667

 1.2763, 0.5390,
0.1264

165.1272, 0.3698,
0.2708

 0.1227, 0.6430,
0.0310

203.9572, 0.3661,


 0.0000, 0.9444,


0.2744


0.0000

248.4418, 0.3629,
0.2776


 0.0000, 0.0000,
0.0000


 29.3719, 0.4100,
0.2328


 29.3719, 0.4100,
0.2328


 26.2103, 0.4302,
0.2287


 33.9447, 0.3906,
0.2415


 24.2835, 0.4504,
0.2299


 40.0810, 0.3729,
0.2535

 23.3521, 0.4680,
0.2352

 47.9100, 0.3570,
0.2676

 57.5484, 0.3433,
0.2828

 69.1021, 0.3316,
0.2982

 82.6691, 0.3217,
0.3132

 98.3406, 0.3134,
0.3276

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.



29.3719, 0.2812, 0.1831



29.3719, 0.4100, 0.2328



29.3719, 0.5202, 0.3000

Triad

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



29.3719, 0.4100, 0.2328



29.3719, 0.4092, 0.5390



29.3719, 0.1195, 0.2092

Complementary

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



29.3719, 0.4100, 0.2328



75.2092, 0.2746, 0.4676

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.



29.3719, 0.1383, 0.3088



29.3719, 0.4100, 0.2328



29.3719, 0.3009, 0.5607

Square

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



29.3719, 0.4100, 0.2328



29.3719, 0.5021, 0.4584



29.3719, 0.2008, 0.4596



29.3719, 0.1356, 0.1656

Rectangle

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



29.3719, 0.4100, 0.2328



29.3719, 0.5507, 0.3492



29.3719, 0.2008, 0.4596



29.3719, 0.1216, 0.2352

Sweetspot

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



29.3710, 0.4100, 0.2328



69.0823, 0.3316, 0.2981



18.5446, 0.2228, 0.1253



14.0616, 0.3346, 0.2939



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.



29.3710, 0.4100, 0.2328



25.2997, 0.4384, 0.2285



26.8788, 0.5376, 0.3176



18.1621, 0.3204, 0.3154



12.2325, 0.4649, 0.2335



1.2129, 0.4439, 0.2219

Inverse Universe

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



29.3710, 0.4100, 0.2328



25.2997, 0.4384, 0.2285



79.2617, 0.2378, 0.3471



18.1621, 0.3204, 0.3154



12.2325, 0.4649, 0.2335



1.2129, 0.4439, 0.2219

Previews

White Background



This preview shows how the Yxy color 29.3719, 0.4100, 0.2328 looks on a white background.

Color Contrast Check

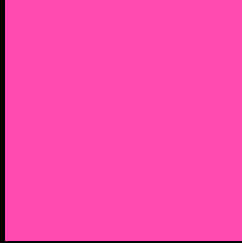
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3719, 0.4100, 0.2328 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 29.3719, 0.4100, 0.2328

Background



This preview shows how black text looks on a background with the Yxy color 29.3719, 0.4100, 0.2328.



This preview shows how white text looks on a background with the Yxy color 29.3719, 0.4100, 0.2328.

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

29.3719, 0.4100, 0.2328

Protanopia

29.6898, 0.2266, 0.2128

Deuteranopia

29.4491, 0.2981, 0.2928



Tritanopia

29.2637, 0.5038, 0.3240

Trichromacy



Original Color

29.3719, 0.4100, 0.2328



Protanomaly

26.0623, 0.2746, 0.2095



Deuteranomaly

26.9910, 0.3355, 0.2585



Tritanomaly

28.9106, 0.4719, 0.2893

Monochromacy



Original Color

29.3719, 0.4100, 0.2328



Achromatopsia

26.2251, 0.3127, 0.3290



Achromatomaly

24.7690, 0.3492, 0.2757

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3719, 0.4100, 0.2328 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, 74, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 178)  
}
```

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, 74, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 178) }
```

Border

The CSS property to change the border of an element to Yxy 29.3719, 0.4100, 0.2328 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, 74, 178) }
```

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

```
.border{ border-color:rgb(255, 74, 178) }
```

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

Here you see how a box with a 4 pixel rgb(255, 74, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3719, 0.4100, 0.2328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 178) }
```

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

```
.background{ background-color: rgb(255, 74,  
178) }
```

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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