

Converting Colors

Yxy(29.8733, 0.4160, 0.2409)

Have a look what the booklet for
Yxy(29.8733, 0.4160, 0.2409)
contains.

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Color

Yxy(29.8691, 0.4159, 0.2408)

Conversions

Conversions Part 1

Format	Color
Hex	FF4FAD
RGB	255, 79, 173
RGB Percent	100%, 31%, 68%
CMY	0.0000, 0.6903, 0.3216
CMYK	0.00, 0.69, 0.32, 0.00
HSL	328°, 100%, 65%
HSV	328°, 69%, 100%
XYZ	51.5887, 29.8691, 42.5833
YIQ	142.3400, 74.7220, 66.5460

Conversions

Conversions Part 2

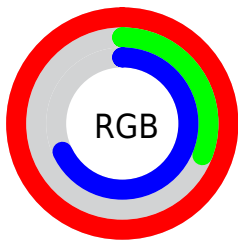
Format	Color
RYB	255, 79, 173
Decimal	16732077
CIELab	61.54, 73.63, -12.57
CIElCh	62, 74.694, 350.314
Yxy	29.8691, 0.4159, 0.2408
Android (android.graphics.Color)	4294922157 (0xFFFF4FAD)
YUV	142.3400, 15.1154, 98.8028
Hunter-Lab	54.6526, 72.8508, -7.9397

Details

The Yxy color **29.8691, 0.4159, 0.2408** 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 **75.7525, 0.2718, 0.4534**, and the grayscale version is **27.0993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.6176, 0.3418, 0.2413**, and **12.8498, 0.4449, 0.2225** is the 20% darker color. If you saturate the color by 10%, you get **26.4263, 0.4385, 0.2366**, and if you desaturate by 10%, it is **34.7520, 0.3945, 0.2493**.

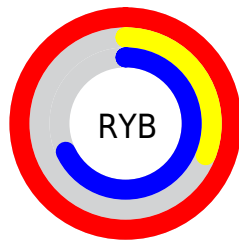
Distribution



Red (100%)

Green (31%)

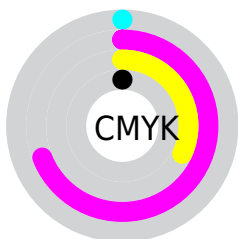
Blue (68%)



Red (100%)

Yellow (31%)

Blue (68%)

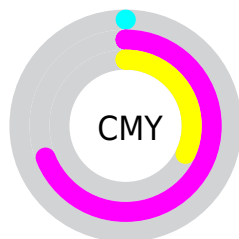


Cyan (0%)

Magenta (69%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (69%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8691, 0.4159, 0.2408 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 29.8691, 0.4159, 0.2408 by changing the saturation by 10% instead.


 29.8691, 0.4159,
0.2408


 29.8691, 0.4159,
0.2408


301.2938, 0.3624,
0.2850


 19.7393, 0.4297,
0.2299


 59.4551, 0.3961,
0.2568


 12.2056, 0.4477,
0.2160


 79.6801, 0.3888,
0.2628

 6.8839, 0.4720,
0.1977


 104.0388, 0.3826,
0.2679

 3.3896, 0.5064,
0.1730

 132.9158, 0.3774,
0.2723

 1.3384, 0.5580,
0.1380

166.6954, 0.3729,
0.2761

 0.1706, 0.6711,
0.0453

205.7620, 0.3689,

 0.0000, 1.0000,

0.2794

0.0000

250.5000, 0.3655,
0.2824

0.0000, 0.0000,
0.0000

29.8691, 0.4159,
0.2408

29.8691, 0.4159,
0.2408

26.4263, 0.4385,
0.2366

34.7520, 0.3945,
0.2493

24.2667, 0.4613,
0.2377

41.2357, 0.3751,
0.2610

23.1303, 0.4832,
0.2440

49.4427, 0.3580,
0.2744

23.0439, 0.4853,
0.2447

59.4875, 0.3433,
0.2887

71.4746, 0.3309,
0.3031

 85.5007, 0.3206,
0.3170

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.



29.8691, 0.2915, 0.1905



29.8691, 0.4159, 0.2408



29.8691, 0.5172, 0.3075

Triad

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



29.8691, 0.4159, 0.2408



29.8691, 0.4003, 0.5366



29.8691, 0.1252, 0.2091

Complementary

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



29.8691, 0.4159, 0.2408



75.7525, 0.2718, 0.4534

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.



29.8691, 0.1413, 0.3010



29.8691, 0.4159, 0.2408



29.8691, 0.2950, 0.5466

Square

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



29.8691, 0.4159, 0.2408



29.8691, 0.4914, 0.4629



29.8691, 0.1993, 0.4424



29.8691, 0.1434, 0.1693

Rectangle

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



29.8691, 0.4159, 0.2408



29.8691, 0.5428, 0.3562



29.8691, 0.1993, 0.4424



29.8691, 0.1265, 0.2331

Sweetspot

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



29.8640, 0.4159, 0.2408



68.9598, 0.3332, 0.3003



20.0941, 0.2306, 0.1324



14.0324, 0.3365, 0.2963



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.



29.8640, 0.4159, 0.2408



25.4277, 0.4476, 0.2363



27.5474, 0.5360, 0.3225



18.1493, 0.3210, 0.3164



12.0715, 0.4819, 0.2428



1.1974, 0.4585, 0.2299

Inverse Universe

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



29.8640, 0.4159, 0.2408



25.4277, 0.4476, 0.2363



79.8467, 0.2365, 0.3393



18.1493, 0.3210, 0.3164



12.0715, 0.4819, 0.2428



1.1974, 0.4585, 0.2299

Previews

White Background



This preview shows how the Yxy color 29.8691, 0.4159, 0.2408 looks on a white background.

Color Contrast Check

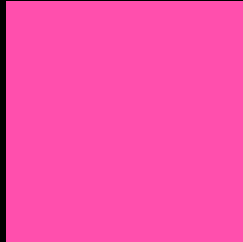
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8691, 0.4159, 0.2408 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 29.8691, 0.4159, 0.2408

Background



This preview shows how black text looks on a background with the Yxy color 29.8691, 0.4159, 0.2408.



This preview shows how white text looks on a background with the Yxy color 29.8691, 0.4159, 0.2408.

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

29.8691, 0.4159, 0.2408

Protanopia

30.3198, 0.2365, 0.2265

Deuteranopia

29.9991, 0.3059, 0.3005



Tritanopia

29.8527, 0.5007, 0.3239

Trichromacy



Original Color

29.8691, 0.4159, 0.2408



Protanomaly

27.0015, 0.2857, 0.2220



Deuteranomaly

27.6712, 0.3443, 0.2680



Tritanomaly

29.5663, 0.4728, 0.2931

Monochromacy



Original Color

29.8691, 0.4159, 0.2408



Achromatopsia

27.0498, 0.3127, 0.3290



Achromatomaly

25.5608, 0.3509, 0.2814

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8691, 0.4159, 0.2408 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, 173)` looks like.

```
.text, #text, p{  
  color:rgb(255, 79, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 79, 173) }
```

Border

The CSS property to change the border of an element to Yxy 29.8691, 0.4159, 0.2408 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, 173) }
```

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

```
.border{ border-color:rgb(255, 79, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 79, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 79, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 79,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8691, 0.4159, 0.2408 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, 173) }
```

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

```
.background{ background-color: rgb(255, 79,  
173) }
```

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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