

Converting Colors

Yxy(29.6049, 0.4145, 0.2380)

Have a look what the booklet for
Yxy(29.6049, 0.4145, 0.2380)
contains.

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Color

Yxy(29.6237, 0.4149, 0.2385)

Conversions

Conversions Part 1

Format	Color
Hex	FF4DAE
RGB	255, 77, 174
RGB Percent	100%, 30%, 68%
CMY	0.0000, 0.6980, 0.3176
CMYK	0.00, 0.70, 0.32, 0.00
HSL	327°, 100%, 65%
HSV	327°, 70%, 100%
XYZ	51.5341, 29.6237, 43.0506
YIQ	141.2800, 74.9510, 67.9030

Conversions

Conversions Part 2

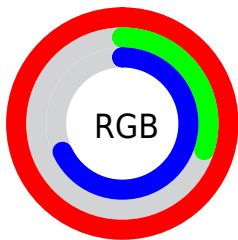
Format	Color
R _Y B	255, 77, 174
Decimal	16731566
CIE Lab	61.33, 74.40, -13.47
CIE LCh	61, 75.612, 349.740
Yxy	29.6237, 0.4149, 0.2385
Android (android.graphics.Color)	4294921646 (0xFFFF4DAE)
YUV	141.2800, 16.1310, 99.7324
Hunter-Lab	54.4277, 73.7618, -8.7972

Details

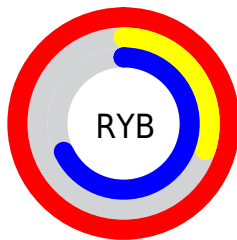
The Yxy color **29.6237, 0.4149, 0.2385** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **75.5659, 0.2725, 0.4576**, and the grayscale version is **26.6672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1501, 0.3402, 0.2377**, and **12.8745, 0.4428, 0.2213** is the 20% darker color. If you saturate the color by 10%, you get **26.2953, 0.4369, 0.2344**, and if you desaturate by 10%, it is **34.3918, 0.3940, 0.2470**.

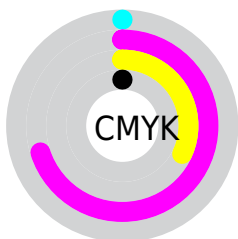
Distribution



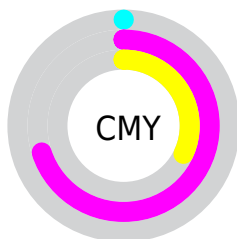
- Red (100%)
- Green (30%)
- Blue (68%)



- Red (100%)
- Yellow (30%)
- Blue (68%)



- Cyan (0%)
- Magenta (70%)
- Yellow (32%)
- Black (0%)




- Cyan (0%)
- Magenta (70%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.6237, 0.4149, 0.2385 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 29.6237, 0.4149, 0.2385 by changing the saturation by 10% instead.


 29.6237, 0.4149,
0.2385

 29.6237, 0.4149,
0.2385


300.1465, 0.3620,
0.2837


 19.5531, 0.4286,
0.2274


 59.0666, 0.3953,
0.2549


 12.0706, 0.4463,
0.2132


 79.2077, 0.3881,
0.2610

 6.7918, 0.4702,
0.1946


 103.4744, 0.3820,
0.2663

 3.3322, 0.5040,
0.1695

 132.2512, 0.3768,
0.2707

 1.3075, 0.5547,
0.1343

165.9224, 0.3724,
0.2746

 0.1470, 0.6675,
0.0389

204.8724, 0.3685,

 0.0000, 1.0000,

0.2780

0.0000

249.4856, 0.3651,
0.2810

■ 0.0000, 0.0000,
0.0000

■ 29.6237, 0.4149,
0.2385

■ 29.6237, 0.4149,
0.2385

■ 26.2953, 0.4369,
0.2344

■ 34.3918, 0.3940,
0.2470

■ 24.2269, 0.4590,
0.2357

■ 40.7418, 0.3750,
0.2587

■ 23.1407, 0.4803,
0.2420

■ 48.8039, 0.3582,
0.2723

■ 23.1228, 0.4807,
0.2422

■ 58.6935, 0.3437,
0.2868

■ 70.5157, 0.3314,
0.3014

 84.3677, 0.3211,
0.3157

99.9997, 0.3127,
0.3290

Harmonies

Analogous

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



29.6237, 0.2888, 0.1882



29.6237, 0.4149, 0.2385



29.6237, 0.5188, 0.3054

Triad

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



29.6237, 0.4149, 0.2385



29.6237, 0.4026, 0.5380



29.6237, 0.1232, 0.2086

Complementary

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



29.6237, 0.4149, 0.2385



75.5659, 0.2725, 0.4576

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.



29.6237, 0.1399, 0.3026



29.6237, 0.4149, 0.2385



29.6237, 0.2962, 0.5512

Square

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



29.6237, 0.4149, 0.2385



29.6237, 0.4946, 0.4620



29.6237, 0.1992, 0.4471



29.6237, 0.1410, 0.1678

Rectangle

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



29.6237, 0.4149, 0.2385



29.6237, 0.5457, 0.3544



29.6237, 0.1992, 0.4471



29.6237, 0.1247, 0.2331

Sweetspot

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



29.6253, 0.4149, 0.2385



68.9922, 0.3328, 0.2997



19.7078, 0.2295, 0.1306



14.0402, 0.3360, 0.2957



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.



29.6253, 0.4149, 0.2385



25.2847, 0.4462, 0.2343



27.2394, 0.5396, 0.3225



18.1527, 0.3208, 0.3161



12.1129, 0.4774, 0.2403



1.2014, 0.4546, 0.2278

Inverse Universe

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



29.6253, 0.4149, 0.2385



25.2847, 0.4462, 0.2343



79.7572, 0.2361, 0.3394



18.1527, 0.3208, 0.3161



12.1129, 0.4774, 0.2403



1.2014, 0.4546, 0.2278

Previews

White Background



This preview shows how the Yxy color 29.6237, 0.4149, 0.2385 looks on a white background.

Color Contrast Check

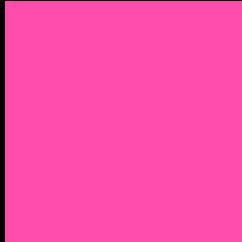
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6237, 0.4149, 0.2385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

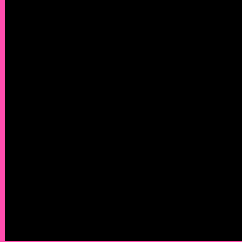
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.6237, 0.4149, 0.2385

Background



This preview shows how black text looks on a background with the Yxy color 29.6237, 0.4149, 0.2385.



This preview shows how white text looks on a background with the Yxy color 29.6237, 0.4149, 0.2385.

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

29.6237, 0.4149, 0.2385

Protanopia

29.9693, 0.2338, 0.2225

Deuteranopia

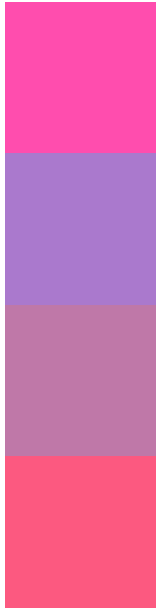
29.6317, 0.3039, 0.2974



Tritanopia

29.6490, 0.5027, 0.3240

Trichromacy



Original Color

29.6237, 0.4149, 0.2385

Protanomaly

26.6286, 0.2819, 0.2180

Deuteranomaly

27.3365, 0.3422, 0.2652

Tritanomaly

29.3987, 0.4733, 0.2922

Monochromacy



Original Color

29.6237, 0.4149, 0.2385

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.2019, 0.3500, 0.2798

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6237, 0.4149, 0.2385 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, 77, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 174)  
}
```

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, 77, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 174) }
```

Border

The CSS property to change the border of an element to Yxy 29.6237, 0.4149, 0.2385 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, 77, 174) }
```

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

```
.border{ border-color:rgb(255, 77, 174) }
```

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

Here you see how a box with a 4 pixel rgb(255, 77, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6237, 0.4149, 0.2385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 174) }
```

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

```
.background{ background-color: rgb(255, 77,  
174) }
```

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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