

Converting Colors

Yxy(28.1414, 0.4337, 0.2446)

Have a look what the booklet for
Yxy(28.1414, 0.4337, 0.2446)
contains.

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Color

Yxy(28.1249, 0.4338, 0.2446)

Conversions

Conversions Part 1

Format	Color
Hex	FF45A2
RGB	255, 69, 162
RGB Percent	100%, 27%, 64%
CMY	0.0001, 0.7291, 0.3647
CMYK	0.00, 0.73, 0.36, 0.00
HSL	330°, 100%, 64%
HSV	330°, 73%, 100%
XYZ	49.8797, 28.1249, 36.9786
YIQ	135.2160, 81.0030, 68.3550

Conversions

Conversions Part 2

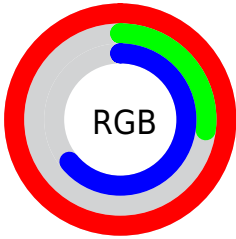
Format	Color
R _Y B	255, 69, 162
Decimal	16729506
CIE Lab	60.00, 75.71, -8.50
CIE LCh	60, 76.187, 353.593
Yxy	28.1249, 0.4338, 0.2446
Android (android.graphics.Color)	4294919586 (0xFFFF45A2)
YUV	135.2160, 13.2045, 105.0506
Hunter-Lab	53.0329, 75.0793, -4.2185

Details

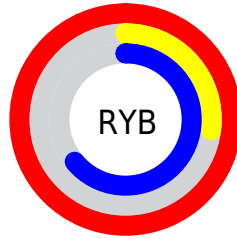
The Yxy color **28.1249, 0.4338, 0.2446** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **75.3757, 0.2687, 0.4527**, and the grayscale version is **24.2511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.5024, 0.3537, 0.2429**, and **12.4632, 0.4670, 0.2346** is the 20% darker color. If you saturate the color by 10%, you get **25.2007, 0.4588, 0.2431**, and if you desaturate by 10%, it is **32.4447, 0.4097, 0.2509**.

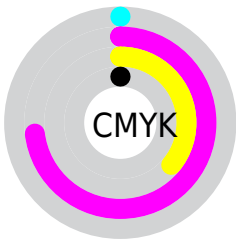
Distribution



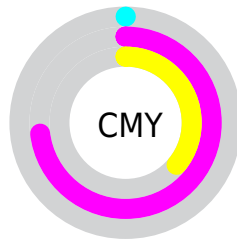
- Red (100%)
- Green (27%)
- Blue (64%)



- Red (100%)
- Yellow (27%)
- Blue (64%)



- Cyan (0%)
- Magenta (73%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (73%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1249, 0.4338, 0.2446 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 28.1249, 0.4338, 0.2446 by changing the saturation by 10% instead.


 28.1249, 0.4338,
0.2446


 28.1249, 0.4338,
0.2446


293.0633, 0.3700,
0.2879


 18.4198, 0.4507,
0.2336


 56.6838, 0.4099,
0.2605


 11.2518, 0.4728,
0.2194


 76.3064, 0.4011,
0.2664


 6.2365, 0.5030,
0.2006


 100.0036, 0.3938,
0.2714

 2.9894, 0.5463,
0.1745

 128.1599, 0.3876,
0.2757

 1.1262, 0.6121,
0.1369

 161.1596, 0.3822,
0.2793

 0.0002, 0.7948,
0.0001

199.3872, 0.3776,

 0.0000, 1.0000,

0.2825

0.0000

243.2269, 0.3735,
0.2854

■ 0.0000, 0.0000,
0.0000

■ 28.1249, 0.4338,
0.2446

■ 28.1249, 0.4338,
0.2446

■ 25.2007, 0.4588,
0.2431

■ 32.4447, 0.4097,
0.2509

■ 23.4800, 0.4835,
0.2472

■ 38.3102, 0.3877,
0.2607

■ 22.7975, 0.5002,
0.2529

■ 45.8568, 0.3681,
0.2727

■ 55.2038, 0.3513,
0.2860

■ 66.4595, 0.3370,
0.2995

 79.7237, 0.3251,
0.3128

 95.0891, 0.3152,
0.3255

99.9934, 0.3127,
0.3290

Harmonies

Analogous

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



28.1249, 0.3035, 0.1908



28.1249, 0.4338, 0.2446



28.1249, 0.5321, 0.3136

Triad

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



28.1249, 0.4338, 0.2446



28.1249, 0.3896, 0.5494



28.1249, 0.1205, 0.1979

Complementary

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



28.1249, 0.4338, 0.2446



75.3757, 0.2687, 0.4527

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.



28.1249, 0.1322, 0.2855



28.1249, 0.4338, 0.2446



28.1249, 0.2810, 0.5506

Square

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



28.1249, 0.4338, 0.2446



28.1249, 0.4868, 0.4743



28.1249, 0.1860, 0.4306



28.1249, 0.1427, 0.1625

Rectangle

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



28.1249, 0.4338, 0.2446



28.1249, 0.5513, 0.3636



28.1249, 0.1860, 0.4306



28.1249, 0.1204, 0.2203

Sweetspot

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



28.1264, 0.4338, 0.2446



67.6037, 0.3358, 0.3007



19.1655, 0.2328, 0.1272



13.7643, 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.



28.1264, 0.4338, 0.2446



24.3711, 0.4690, 0.2441



25.9486, 0.5647, 0.3297



18.1385, 0.3215, 0.3172



11.9460, 0.4965, 0.2509



1.1852, 0.4711, 0.2369

Inverse Universe

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



28.1264, 0.4338, 0.2446



24.3711, 0.4690, 0.2441



79.9834, 0.2312, 0.3288



18.1385, 0.3215, 0.3172



11.9460, 0.4965, 0.2509



1.1852, 0.4711, 0.2369

Previews

White Background



This preview shows how the Yxy color 28.1249, 0.4338, 0.2446 looks on a white background.

Color Contrast Check

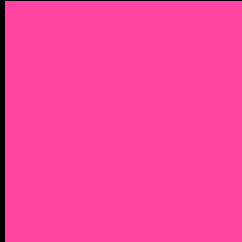
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1249, 0.4338, 0.2446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

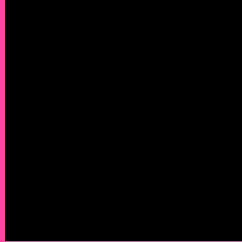
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1249, 0.4338, 0.2446

Background



This preview shows how black text looks on a background with the Yxy color 28.1249, 0.4338, 0.2446.



This preview shows how white text looks on a background with the Yxy color 28.1249, 0.4338, 0.2446.

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

28.1249, 0.4338, 0.2446

Protanopia

28.5590, 0.2401, 0.2305

Deuteranopia

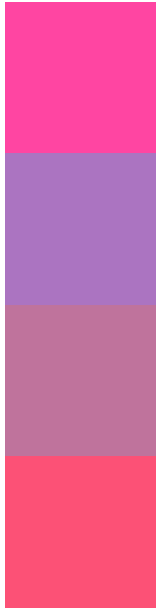
28.2853, 0.3167, 0.3120



Tritanopia

28.0938, 0.5196, 0.3252

Trichromacy



Original Color

28.1249, 0.4338, 0.2446

Protanomaly

24.9990, 0.2937, 0.2248

Deuteranomaly

25.7381, 0.3576, 0.2738

Tritanomaly

27.8883, 0.4915, 0.2957

Monochromacy



Original Color

28.1249, 0.4338, 0.2446

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

22.9969, 0.3581, 0.2802

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1249, 0.4338, 0.2446 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, 69, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 69, 162)  
}
```

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, 69, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 69, 162) }
```

Border

The CSS property to change the border of an element to Yxy 28.1249, 0.4338, 0.2446 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, 69, 162) }
```

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

```
.border{ border-color:rgb(255, 69, 162) }
```

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

Here you see how a box with a 4 pixel rgb(255, 69, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 69, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 69, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 69,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1249, 0.4338, 0.2446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 69, 162) }
```

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

```
.background{ background-color: rgb(255, 69,  
162) }
```

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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