

Converting Colors

$Yxy(28.4636, 0.4043, 0.2390)$

Have a look what the booklet for
Yxy(28.4636, 0.4043, 0.2390)
contains.

Yxy(28.4642, 0.4046, 0.2389)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.4642, 0.4046, 0.2389)

Conversions

Conversions Part 1

Format	Color
Hex	F552AD
RGB	245, 82, 173
RGB Percent	96%, 32%, 68%
CMY	0.0393, 0.6782, 0.3217
CMYK	0.00, 0.67, 0.29, 0.04
HSL	327°, 89%, 64%
HSV	327°, 67%, 96%
XYZ	48.2068, 28.4642, 42.4759
YIQ	141.1110, 67.9370, 62.8570

Conversions

Conversions Part 2

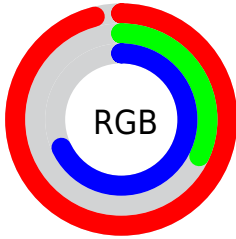
Format	Color
R _Y B	245, 82, 173
Decimal	16077485
CIE Lab	60.31, 69.84, -14.57
CIE LCh	60, 71.343, 348.212
Yxy	28.4642, 0.4046, 0.2389
Android (android.graphics.Color)	4294267565 (0xFFFF552AD)
YUV	141.1110, 15.7213, 91.1107
Hunter-Lab	53.3519, 67.9205, -9.8572

Details

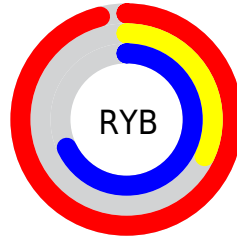
The Yxy color **28.4642, 0.4046, 0.2389** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **69.4181, 0.2740, 0.4532**, and the grayscale version is **26.6061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.9112, 0.3417, 0.2422**, and **11.5708, 0.4309, 0.2147** is the 20% darker color. If you saturate the color by 10%, you get **25.0025, 0.4255, 0.2329**, and if you desaturate by 10%, it is **33.2810, 0.3850, 0.2489**.

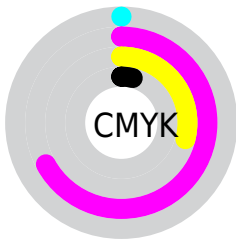
Distribution



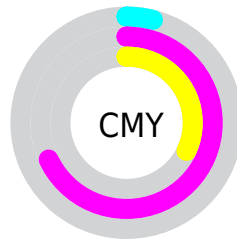
- Red (96%)
- Green (32%)
- Blue (68%)



- Red (96%)
- Yellow (32%)
- Blue (68%)



- Cyan (0%)
- Magenta (67%)
- Yellow (29%)
- Black (4%)





- Cyan (4%)
- Magenta (68%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4642, 0.4046, 0.2389 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 28.4642, 0.4046, 0.2389 by changing the saturation by 10% instead.

 28.4642, 0.4046,
0.2389


 28.4642, 0.4046,
0.2389


294.6784, 0.3569,
0.2841


 18.6759, 0.4170,
0.2277


 57.2247, 0.3869,
0.2553


 11.4363, 0.4331,
0.2134


 76.9657, 0.3804,
0.2615

 6.3611, 0.4550,
0.1946


 100.7930, 0.3749,
0.2667

 3.0659, 0.4861,
0.1690

 129.0910, 0.3702,
0.2712

 1.1662, 0.5331,
0.1329

162.2442, 0.3662,
0.2751

 0.0339, 0.6569,
0.0106

200.6369, 0.3627,

 0.0000, 1.0000,

0.2785

0.0000

244.6535, 0.3596,
0.2815

■ 0.0000, 0.0000,
0.0000

■ 28.4642, 0.4046,
0.2389

■ 28.4642, 0.4046,
0.2389

■ 25.0025, 0.4255,
0.2329

■ 33.2810, 0.3850,
0.2489

■ 22.7431, 0.4468,
0.2320

■ 39.5752, 0.3674,
0.2616


■ 21.5013, 0.4675,
0.2365


■ 47.4604, 0.3519,
0.2759


■ 21.2053, 0.4747,
0.2389

■ 57.0378, 0.3386,
0.2909

■ 68.4000, 0.3274,
0.3057

 81.6331, 0.3180,
0.3201

 96.8174, 0.3101,
0.3336

 98.1473, 0.3066,
0.3290

Harmonies

Analogous

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



28.4642, 0.2845, 0.1909



28.4642, 0.4046, 0.2389



28.4642, 0.5066, 0.3038

Triad

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



28.4642, 0.4046, 0.2389



28.4642, 0.4065, 0.5280



28.4642, 0.1291, 0.2169

Complementary

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



28.4642, 0.4046, 0.2389



69.4181, 0.2740, 0.4532

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.



28.4642, 0.1479, 0.3108



28.4642, 0.4046, 0.2389



28.4642, 0.3037, 0.5425

Square

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



28.4642, 0.4046, 0.2389



28.4642, 0.4932, 0.4556



28.4642, 0.2083, 0.4484



28.4642, 0.1446, 0.1743

Rectangle

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



28.4642, 0.4046, 0.2389



28.4642, 0.5359, 0.3517



28.4642, 0.2083, 0.4484



28.4642, 0.1312, 0.2418

Sweetspot

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



28.4657, 0.4046, 0.2389



70.2983, 0.3311, 0.3005



19.3713, 0.2321, 0.1380



14.2958, 0.3343, 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.



28.4657, 0.4046, 0.2389



26.3389, 0.4333, 0.2319



26.2383, 0.5198, 0.3199



16.6374, 0.3206, 0.3159



11.4551, 0.4715, 0.2371



1.0275, 0.4474, 0.2238

Inverse Universe

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



28.4657, 0.4046, 0.2389



26.3389, 0.4333, 0.2319



73.0303, 0.2390, 0.3423



16.6374, 0.3206, 0.3159



11.4551, 0.4715, 0.2371



1.0275, 0.4474, 0.2238

Previews

White Background



This preview shows how the Yxy color 28.4642, 0.4046, 0.2389 looks on a white background.

Color Contrast Check

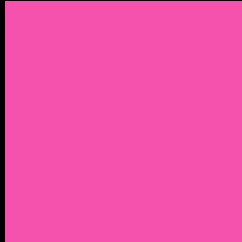
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4642, 0.4046, 0.2389 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 28.4642, 0.4046, 0.2389

Background



This preview shows how black text looks on a background with the Yxy color 28.4642, 0.4046, 0.2389.



This preview shows how white text looks on a background with the Yxy color 28.4642, 0.4046, 0.2389.

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

28.4642, 0.4046, 0.2389

Protanopia

28.7196, 0.2352, 0.2234

Deuteranopia

28.6056, 0.3008, 0.2954



Tritanopia

28.4689, 0.4880, 0.3235

Trichromacy



Original Color

28.4642, 0.4046, 0.2389



Protanomaly

25.9988, 0.2814, 0.2210



Deuteranomaly

26.5372, 0.3365, 0.2650



Tritanomaly

28.3177, 0.4589, 0.2916

Monochromacy



Original Color

28.4642, 0.4046, 0.2389



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

25.3166, 0.3460, 0.2820

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4642, 0.4046, 0.2389 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(245, 82, 173)` looks like.

```
.text, #text, p{  
    color:rgb(245, 82, 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(245, 82, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 82, 173) }
```

Border

The CSS property to change the border of an element to Yxy 28.4642, 0.4046, 0.2389 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(245, 82, 173) }
```

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

```
.border{ border-color:rgb(245, 82, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 82, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 82, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 82, 173);  
box-shadow:4px 4px 4px 4px rgb(245, 82,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4642, 0.4046, 0.2389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 82, 173) }
```

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

```
.background{ background-color: rgb(245, 82,  
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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