

Converting Colors

Yxy(30.4588, 0.4019, 0.2420)

Have a look what the booklet for
Yxy(30.4588, 0.4019, 0.2420)
contains.

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Color

Yxy(30.4588, 0.4019, 0.2420)

Conversions

Conversions Part 1

Format	Color
Hex	F959B1
RGB	249, 89, 177
RGB Percent	98%, 35%, 69%
CMY	0.0234, 0.6511, 0.3058
CMYK	0.00, 0.64, 0.29, 0.02
HSL	327°, 93%, 66%
HSV	327°, 64%, 98%
XYZ	50.5843, 30.4588, 44.8197
YIQ	146.8720, 67.1120, 61.2880

Conversions

Conversions Part 2

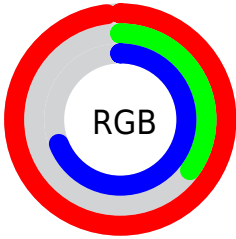
Format	Color
R _Y B	249, 89, 177
Decimal	16341425
CIE Lab	62.05, 68.78, -14.21
CIE LCh	62, 70.232, 348.326
Yxy	30.4588, 0.4019, 0.2420
Android (android.graphics.Color)	4294531505 (0xFFFF959B1)
YUV	146.8720, 14.8531, 89.5663
Hunter-Lab	55.1895, 67.0236, -9.5172

Details

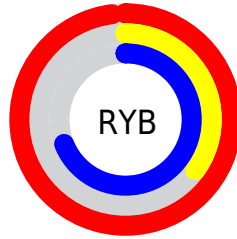
The Yxy color **30.4588, 0.4019, 0.2420** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **72.4637, 0.2739, 0.4466**, and the grayscale version is **29.0359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.0106, 0.3365, 0.2434**, and **12.4607, 0.4291, 0.2179** is the 20% darker color. If you saturate the color by 10%, you get **26.5662, 0.4230, 0.2352**, and if you desaturate by 10%, it is **35.7921, 0.3823, 0.2525**.

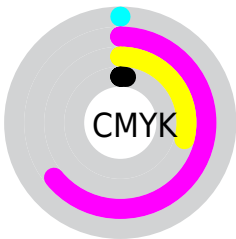
Distribution



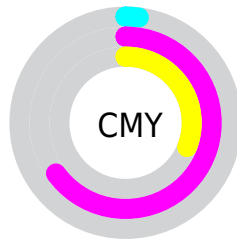
- Red (98%)
- Green (35%)
- Blue (69%)



- Red (98%)
- Yellow (35%)
- Blue (69%)



- Cyan (0%)
- Magenta (64%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (65%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4588, 0.4019, 0.2420 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 30.4588, 0.4019, 0.2420 by changing the saturation by 10% instead.


 30.4588, 0.4019,
0.2420


 30.4588, 0.4019,
0.2420


304.0372, 0.3560,
0.2853

 20.1871, 0.4137,
0.2313


 60.3870, 0.3850,
0.2576


 12.5311, 0.4290,
0.2178


 80.8123, 0.3787,
0.2636

 7.1065, 0.4496,
0.2001


 105.3908, 0.3734,
0.2686

 3.5288, 0.4786,
0.1761

 134.5071, 0.3689,
0.2729

 1.4136, 0.5222,
0.1423

168.5455, 0.3650,
0.2766

 0.2267, 0.6157,
0.0583

207.8904, 0.3616,

 0.0000, 0.9601,

0.2799

0.0000

252.9262, 0.3586,
0.2828

0.0000, 0.0000,
0.0000

30.4588, 0.4019,
0.2420

30.4588, 0.4019,
0.2420

26.5662, 0.4230,
0.2352

35.7921, 0.3823,
0.2525

23.9606, 0.4449,
0.2333

42.6895, 0.3647,
0.2655

22.4619, 0.4663,
0.2368


51.2666, 0.3494,
0.2799

21.9509, 0.4783,
0.2408

61.6265, 0.3363,
0.2946

73.8641, 0.3253,
0.3092

 88.0675, 0.3161,
0.3233

 98.8849, 0.3090,
0.3290

Harmonies

Analogous

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



30.4588, 0.2862, 0.1950



30.4588, 0.4019, 0.2420



30.4588, 0.4998, 0.3057

Triad

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



30.4588, 0.4019, 0.2420



30.4588, 0.4048, 0.5221



30.4588, 0.1340, 0.2207

Complementary

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



30.4588, 0.4019, 0.2420



72.4637, 0.2739, 0.4466

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.



30.4588, 0.1528, 0.3118



30.4588, 0.4019, 0.2420



30.4588, 0.3049, 0.5334

Square

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



30.4588, 0.4019, 0.2420



30.4588, 0.4884, 0.4539



30.4588, 0.2120, 0.4429



30.4588, 0.1493, 0.1788

Rectangle

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



30.4588, 0.4019, 0.2420



30.4588, 0.5284, 0.3527



30.4588, 0.2120, 0.4429



30.4588, 0.1362, 0.2450

Sweetspot

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



30.4604, 0.4019, 0.2420



71.5627, 0.3303, 0.3024



21.2842, 0.2353, 0.1438



14.5406, 0.3335, 0.2982



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.



30.4604, 0.4019, 0.2420



27.1298, 0.4292, 0.2341



28.1983, 0.5096, 0.3198



17.3850, 0.3207, 0.3160



11.7761, 0.4750, 0.2390



1.1120, 0.4515, 0.2261

Inverse Universe

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



30.4604, 0.4019, 0.2420



27.1298, 0.4292, 0.2341



76.0854, 0.2403, 0.3418



17.3850, 0.3207, 0.3160



11.7761, 0.4750, 0.2390



1.1120, 0.4515, 0.2261

Previews

White Background



This preview shows how the Yxy color 30.4588, 0.4019, 0.2420 looks on a white background.

Color Contrast Check

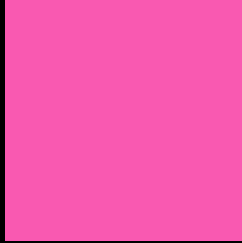
Large Text (above 18pt) WCAG AA × Fail

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 30.4588, 0.4019, 0.2420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

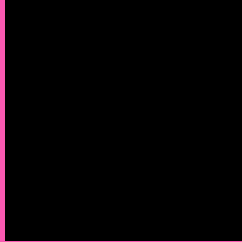
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4588, 0.4019, 0.2420

Background



This preview shows how black text looks on a background with the Yxy color 30.4588, 0.4019, 0.2420.



This preview shows how white text looks on a background with the Yxy color 30.4588, 0.4019, 0.2420.

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

30.4588, 0.4019, 0.2420

Protanopia

30.8063, 0.2394, 0.2295

Deuteranopia

30.4903, 0.3012, 0.2948



Tritanopia

30.5061, 0.4786, 0.3224

Trichromacy



Original Color

30.4588, 0.4019, 0.2420



Protanomaly

28.1963, 0.2841, 0.2270



Deuteranomaly

28.5929, 0.3358, 0.2666



Tritanomaly

30.2941, 0.4516, 0.2916

Monochromacy



Original Color

30.4588, 0.4019, 0.2420



Achromatopsia

29.1771, 0.3127, 0.3290



Achromatomaly

27.5807, 0.3447, 0.2847

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4588, 0.4019, 0.2420 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(249, 89, 177)` looks like.

```
.text, #text, p{  
    color:rgb(249, 89, 177)  
}
```

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(249, 89, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 89, 177) }
```

Border

The CSS property to change the border of an element to Yxy 30.4588, 0.4019, 0.2420 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(249, 89, 177) }
```

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

```
.border{ border-color:rgb(249, 89, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 89, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 89, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 89, 177);  
box-shadow:4px 4px 4px 4px rgb(249, 89,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4588, 0.4019, 0.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 89, 177) }
```

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

```
.background{ background-color: rgb(249, 89,  
177) }
```

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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