

Converting Colors

Yxy(43.9568, 0.3412, 0.2515)

Have a look what the booklet for
Yxy(43.9568, 0.3412, 0.2515)
contains.

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Color

Yxy(43.8878, 0.3418, 0.2515)

Conversions

Conversions Part 1

Format	Color
Hex	F48FD9
RGB	244, 143, 217
RGB Percent	96%, 56%, 85%
CMY	0.0433, 0.4391, 0.1490
CMYK	0.00, 0.41, 0.11, 0.04
HSL	316°, 82%, 76%
HSV	316°, 41%, 96%
XYZ	59.6455, 43.8878, 70.9708
YIQ	181.6350, 36.4420, 44.4260

Conversions

Conversions Part 2

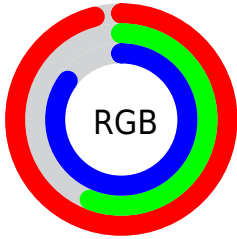
Format	Color
RYB	244, 143, 217
Decimal	16027609
CIELab	72.15, 48.10, -21.42
CIElCh	72, 52.654, 335.996
Yxy	43.8878, 0.3418, 0.2515
Android (android.graphics.Color)	4294217689 (0xFFFF48FD9)
YUV	181.6350, 17.4349, 54.6941
Hunter-Lab	66.2479, 44.7767, -17.1434

Details

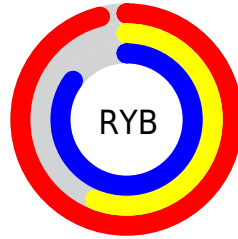
The Yxy color **43.8878, 0.3418, 0.2515** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **73.4247, 0.2929, 0.4223**, and the grayscale version is **46.4616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3268, 0.3153, 0.2742**, and **20.3601, 0.3486, 0.2332** is the 20% darker color. If you saturate the color by 10%, you get **37.0100, 0.3514, 0.2342**, and if you desaturate by 10%, it is **52.3757, 0.3332, 0.2702**.

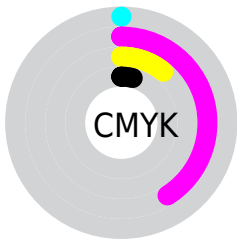
Distribution



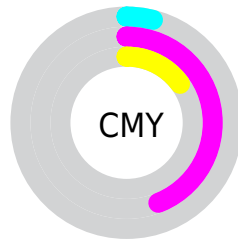
- Red (96%)
- Green (56%)
- Blue (85%)



- Red (96%)
- Yellow (56%)
- Blue (85%)



- Cyan (0%)
- Magenta (41%)
- Yellow (11%)
- Black (4%)




- Cyan (4%)
- Magenta (44%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8878, 0.3418, 0.2515 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 43.8878, 0.3418, 0.2515 by changing the saturation by 10% instead.


 43.8878, 0.3418,
0.2515

 43.8878, 0.3418,
0.2515


362.2502, 0.3284,
0.2879

 30.5823, 0.3448,
0.2431


 81.0489, 0.3372,
0.2642

 20.2810, 0.3486,
0.2327


 105.6733, 0.3353,
0.2691

 12.5995, 0.3533,
0.2195


134.8394, 0.3338,
0.2734

 7.1533, 0.3593,
0.2023

168.9317, 0.3324,
0.2770

 3.5582, 0.3672,
0.1789

208.3345, 0.3312,
0.2803

 1.4296, 0.3779,
0.1460

253.4323, 0.3302,

 0.2384, 0.4072,

0.2831

0.0633

304.6094, 0.3292,
0.2856

0.0000, 0.3872,
0.0000

0.0000, 0.0000,
0.0000

43.8878, 0.3418,
0.2515

43.8878, 0.3418,
0.2515

37.0100, 0.3514,
0.2342

52.3757, 0.3332,
0.2702

31.6319, 0.3618,
0.2192

62.5627, 0.3256,
0.2894

27.6386, 0.3728,
0.2077

74.5384, 0.3190,
0.3083

24.8958, 0.3840,
0.2006

88.3845, 0.3134,
0.3266

■ 23.2427, 0.3950,
0.1984

■ 97.6232, 0.3090,
0.3343

■ 22.4728, 0.4042,
0.2000

■ 97.9669, 0.3059,
0.3290

Harmonies

Analogous

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



43.8878, 0.2679, 0.2229



43.8878, 0.3418, 0.2515



43.8878, 0.4148, 0.2963

Triad

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



43.8878, 0.3418, 0.2515



43.8878, 0.4105, 0.4512



43.8878, 0.1867, 0.2806

Complementary

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



43.8878, 0.3418, 0.2515



73.4247, 0.2929, 0.4223

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.



43.8878, 0.2160, 0.3545



43.8878, 0.3418, 0.2515



43.8878, 0.3438, 0.4667

Square

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



43.8878, 0.3418, 0.2515



43.8878, 0.4540, 0.4052



43.8878, 0.2725, 0.4304



43.8878, 0.1865, 0.2335

Rectangle

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



43.8878, 0.3418, 0.2515



43.8878, 0.4482, 0.3316



43.8878, 0.2725, 0.4304



43.8878, 0.1932, 0.3029

Sweetspot

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



43.8898, 0.3418, 0.2515



81.4911, 0.3194, 0.3071



34.7227, 0.2551, 0.2074



17.0503, 0.3202, 0.3046



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.



43.8898, 0.3418, 0.2515



41.7852, 0.3502, 0.2362



41.6547, 0.3938, 0.3035



16.6883, 0.3179, 0.3118



12.2473, 0.4025, 0.1991



1.0934, 0.3899, 0.1922

Inverse Universe

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



43.8898, 0.3418, 0.2515



41.7852, 0.3502, 0.2362



75.7118, 0.2672, 0.3572



16.6883, 0.3179, 0.3118



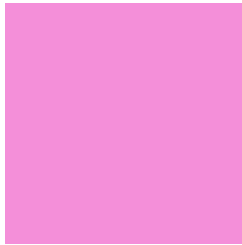
12.2473, 0.4025, 0.1991



1.0934, 0.3899, 0.1922

Previews

White Background



This preview shows how the Yxy color 43.8878, 0.3418, 0.2515 looks on a white background.

Color Contrast Check

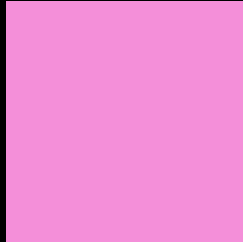
Large Text (above 18pt) WCAG AA × Fail

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 43.8878, 0.3418, 0.2515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

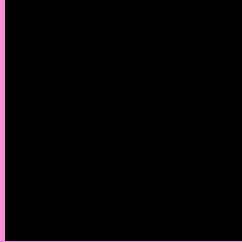
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8878, 0.3418, 0.2515

Background



This preview shows how black text looks on a background with the Yxy color 43.8878, 0.3418, 0.2515.



This preview shows how white text looks on a background with the Yxy color 43.8878, 0.3418, 0.2515.

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

43.8878, 0.3418, 0.2515

Protanopia

44.3221, 0.2544, 0.2486

Deuteranopia

44.1056, 0.2865, 0.2797



Tritanopia

44.0050, 0.3860, 0.3169

Trichromacy



Original Color

43.8878, 0.3418, 0.2515



Protanomaly

42.9677, 0.2811, 0.2470



Deuteranomaly

43.2523, 0.3050, 0.2669



Tritanomaly

43.7986, 0.3695, 0.2917

Monochromacy



Original Color

43.8878, 0.3418, 0.2515



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

44.9245, 0.3233, 0.2962

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8878, 0.3418, 0.2515 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(244, 143, 217)` looks like.

```
.text, #text, p{  
    color:rgb(244, 143, 217)  
}
```

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(244, 143, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 143, 217) }
```

Border

The CSS property to change the border of an element to Yxy 43.8878, 0.3418, 0.2515 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(244, 143, 217) }
```

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

```
.border{ border-color:rgb(244, 143, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 143, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 143, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 143, 217);  
box-shadow:4px 4px 4px 4px rgb(244, 143,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8878, 0.3418, 0.2515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 143, 217) }
```

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

```
.background{ background-color: rgb(244,  
143, 217) }
```

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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