

Converting Colors

Yxy(43.3653, 0.3791, 0.2835)

Have a look what the booklet for
Yxy(43.3653, 0.3791, 0.2835)
contains.

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Color

Yxy(43.5141, 0.3788, 0.2836)

Conversions

Conversions Part 1

Format	Color
Hex	FA8FBA
RGB	250, 143, 186
RGB Percent	98%, 56%, 73%
CMY	0.0195, 0.4393, 0.2705
CMYK	0.00, 0.43, 0.26, 0.02
HSL	336°, 92%, 77%
HSV	336°, 43%, 98%
XYZ	58.1211, 43.5141, 51.7996
YIQ	179.8950, 49.9690, 36.0570

Conversions

Conversions Part 2

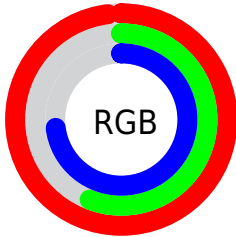
Format	Color
R _Y B	250, 143, 186
Decimal	16420794
CIE Lab	71.90, 45.50, -4.57
CIE LCh	72, 45.732, 354.260
Yxy	43.5141, 0.3788, 0.2836
Android (android.graphics.Color)	4294610874 (0xFFFA8FBA)
YUV	179.8950, 3.0098, 61.4821
Hunter-Lab	65.9652, 41.8349, -0.3822

Details

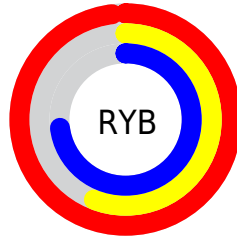
The Yxy color $43.5141, 0.3788, 0.2836$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $78.7376, 0.2746, 0.3808$, and the grayscale version is $45.5465, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.5177, 0.3246, 0.2863$, and $20.0821, 0.3971, 0.2715$ is the 20% darker color. If you saturate the color by 10%, you get $36.2253, 0.4028, 0.2739$, and if you desaturate by 10%, it is $52.5464, 0.3583, 0.2943$.

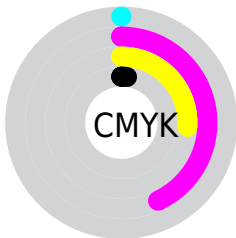
Distribution



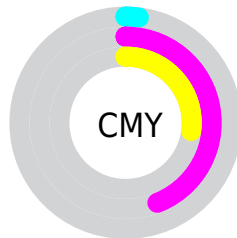
- Red (98%)
- Green (56%)
- Blue (73%)



- Red (98%)
- Yellow (56%)
- Blue (73%)



- Cyan (0%)
- Magenta (43%)
- Yellow (26%)
- Black (2%)





- Cyan (2%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5141, 0.3788, 0.2836 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 43.5141, 0.3788, 0.2836 by changing the saturation by 10% instead.

 43.5141, 0.3788,
0.2836

 43.5141, 0.3788,
0.2836


360.7218, 0.3457,
0.3060

 30.2887, 0.3870,
0.2781


 80.4861, 0.3668,
0.2917

 20.0578, 0.3976,
0.2712


 105.0014, 0.3623,
0.2947

 12.4371, 0.4116,
0.2620


134.0489, 0.3585,
0.2973

 7.0421, 0.4311,
0.2495

168.0129, 0.3552,
0.2995

 3.4884, 0.4598,
0.2315

207.2778, 0.3524,
0.3014

 1.3917, 0.5060,
0.2033

252.2280, 0.3499,

 0.2106, 0.6488,

0.3031

0.0974

303.2478, 0.3477,
0.3046

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.5141, 0.3788,
0.2836

43.5141, 0.3788,
0.2836

36.2253, 0.4028,
0.2739

52.5464, 0.3583,
0.2943

30.5592, 0.4303,
0.2664

63.4198, 0.3413,
0.3053

26.3895, 0.4603,
0.2623

76.2324, 0.3272,
0.3160

23.5680, 0.4915,
0.2628

91.0732, 0.3156,
0.3262

■ 21.9157, 0.5216,
0.2687

■ 99.0710, 0.3097,
0.3290

■ 21.2611, 0.5416,
0.2757

Harmonies

Analogous

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



43.5141, 0.3122, 0.2481



43.5141, 0.3788, 0.2836



43.5141, 0.4288, 0.3298

Triad

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



43.5141, 0.3788, 0.2836



43.5141, 0.3658, 0.4483



43.5141, 0.1975, 0.2588

Complementary

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



43.5141, 0.3788, 0.2836



78.7376, 0.2746, 0.3808

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.



43.5141, 0.2083, 0.3109



43.5141, 0.3788, 0.2836



43.5141, 0.3025, 0.4336

Square

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



43.5141, 0.3788, 0.2836



43.5141, 0.4178, 0.4240



43.5141, 0.2452, 0.3787



43.5141, 0.2126, 0.2320

Rectangle

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



43.5141, 0.3788, 0.2836



43.5141, 0.4425, 0.3630



43.5141, 0.2452, 0.3787



43.5141, 0.1982, 0.2735

Sweetspot

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



43.5162, 0.3788, 0.2836



79.4313, 0.3274, 0.3158



39.5843, 0.2796, 0.2113



16.3315, 0.3303, 0.3135



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.



43.5162, 0.3788, 0.2836



39.0981, 0.3983, 0.2755



44.7385, 0.4212, 0.3389



17.3408, 0.3231, 0.3195



11.3003, 0.5374, 0.2734



1.0669, 0.5059, 0.2560

Inverse Universe

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



43.5162, 0.3788, 0.2836



39.0981, 0.3983, 0.2755



75.7219, 0.2527, 0.3185



17.3408, 0.3231, 0.3195



11.3003, 0.5374, 0.2734



1.0669, 0.5059, 0.2560

Previews

White Background



This preview shows how the Yxy color 43.5141, 0.3788, 0.2836 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 43.5141, 0.3788, 0.2836 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 43.5141, 0.3788, 0.2836

Background



This preview shows how black text looks on a background with the Yxy color 43.5141, 0.3788, 0.2836.



This preview shows how white text looks on a background with the Yxy color 43.5141, 0.3788, 0.2836.

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

43.5141, 0.3788, 0.2836

Protanopia

43.7741, 0.2854, 0.2887

Deuteranopia

43.6685, 0.3233, 0.3162



Tritanopia

43.4572, 0.4031, 0.3173

Trichromacy



Original Color

43.5141, 0.3788, 0.2836



Protanomaly

42.5973, 0.3157, 0.2848



Deuteranomaly

43.0548, 0.3424, 0.3025



Tritanomaly

43.3788, 0.3941, 0.3045

Monochromacy



Original Color

43.5141, 0.3788, 0.2836



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.9940, 0.3348, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5141, 0.3788, 0.2836 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(250, 143, 186)` looks like.

```
.text, #text, p{  
    color:rgb(250, 143, 186)  
}
```

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(250, 143, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 143, 186) }
```

Border

The CSS property to change the border of an element to Yxy 43.5141, 0.3788, 0.2836 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(250, 143, 186) }
```

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

```
.border{ border-color:rgb(250, 143, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 143, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 143, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 143, 186); box-shadow:4px 4px 4px 4px rgb(250, 143, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5141, 0.3788, 0.2836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 143, 186) }
```

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

```
.background{ background-color: rgb(250,  
143, 186) }
```

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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