

Converting Colors

$Yxy(45.0466, 0.3853, 0.2892)$

Have a look what the booklet for
Yxy(45.0466, 0.3853, 0.2892)
contains.

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Color

Yxy(44.9715, 0.3851, 0.2886)

Conversions

Conversions Part 1

Format	Color
Hex	FF91B8
RGB	255, 145, 184
RGB Percent	100%, 57%, 72%
CMY	0.0001, 0.4313, 0.2786
CMYK	0.00, 0.43, 0.28, 0.00
HSL	339°, 100%, 78%
HSV	339°, 43%, 100%
XYZ	60.0087, 44.9715, 50.8462
YIQ	182.3360, 53.0410, 35.4490

Conversions

Conversions Part 2

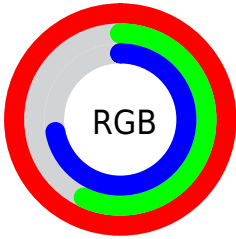
Format	Color
R _Y B	255, 145, 184
Decimal	16748984
CIE Lab	72.87, 45.87, -1.94
CIE LCh	73, 45.906, 357.583
Yxy	44.9715, 0.3851, 0.2886
Android (android.graphics.Color)	4294939064 (0xFFFF91B8)
YUV	182.3360, 0.8204, 63.7263
Hunter-Lab	67.0608, 42.3727, 1.9883

Details

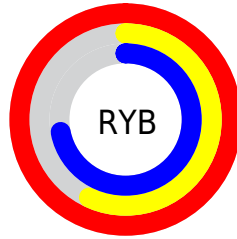
The Yxy color **44.9715, 0.3851, 0.2886** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.4891, 0.2719, 0.3748**, and the grayscale version is **46.9473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3246, 0.3259, 0.2902**, and **21.0287, 0.4058, 0.2780** is the 20% darker color. If you saturate the color by 10%, you get **37.3840, 0.4116, 0.2802**, and if you desaturate by 10%, it is **54.3923, 0.3626, 0.2980**.

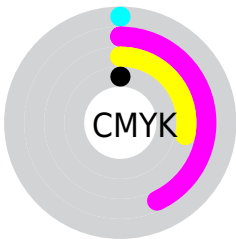
Distribution



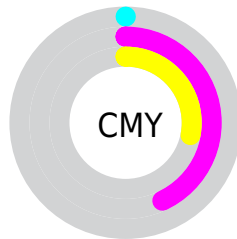
- Red (100%)
- Green (57%)
- Blue (72%)



- Red (100%)
- Yellow (57%)
- Blue (72%)



- Cyan (0%)
- Magenta (43%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9715, 0.3851, 0.2886 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 44.9715, 0.3851, 0.2886 by changing the saturation by 10% instead.


 44.9715, 0.3851,
0.2886


 44.9715, 0.3851,
0.2886


366.6581, 0.3489,
0.3087

 31.4350, 0.3941,
0.2837


 82.6776, 0.3720,
0.2958

 20.9303, 0.4056,
0.2774


 107.6161, 0.3670,
0.2986

 13.0731, 0.4209,
0.2690


137.1239, 0.3628,
0.3009

 7.4789, 0.4421,
0.2576

171.5855, 0.3593,
0.3029

 3.7633, 0.4733,
0.2410

211.3854, 0.3562,
0.3046

 1.5421, 0.5231,
0.2147

256.9078, 0.3534,

 0.3181, 0.6619,

0.3061

0.1345

308.5373, 0.3510,
0.3075

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.9715, 0.3851,
0.2886

44.9715, 0.3851,
0.2886

37.3840, 0.4116,
0.2802

54.3923, 0.3626,
0.2980

31.5020, 0.4419,
0.2739

65.7498, 0.3440,
0.3078

27.1919, 0.4750,
0.2709

79.1475, 0.3287,
0.3173

24.2966, 0.5090,
0.2726

94.6795, 0.3161,
0.3263

■ 22.6259, 0.5411,
0.2794

99.9962, 0.3127,
0.3290

■ 21.9996, 0.5610,
0.2864

Harmonies

Analogous

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



44.9715, 0.3196, 0.2518



44.9715, 0.3851, 0.2886



44.9715, 0.4314, 0.3353

Triad

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



44.9715, 0.3851, 0.2886



44.9715, 0.3588, 0.4480



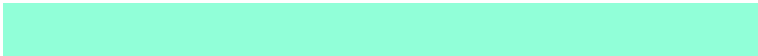
44.9715, 0.1987, 0.2551

Complementary

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



44.9715, 0.3851, 0.2886



82.4891, 0.2719, 0.3748

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.



44.9715, 0.2065, 0.3043



44.9715, 0.3851, 0.2886



44.9715, 0.2957, 0.4284

Square

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



44.9715, 0.3851, 0.2886



44.9715, 0.4125, 0.4274



44.9715, 0.2404, 0.3709



44.9715, 0.2165, 0.2312

Rectangle

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



44.9715, 0.3851, 0.2886



44.9715, 0.4421, 0.3684



44.9715, 0.2404, 0.3709



44.9715, 0.1984, 0.2687

Sweetspot

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



44.9737, 0.3851, 0.2886



79.3399, 0.3285, 0.3174



41.8730, 0.2838, 0.2118



16.3091, 0.3316, 0.3153



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.



44.9737, 0.3851, 0.2886



38.1557, 0.4084, 0.2811



48.3338, 0.4198, 0.3447



18.0933, 0.3238, 0.3206



11.5229, 0.5567, 0.2840



1.1418, 0.5253, 0.2667

Inverse Universe

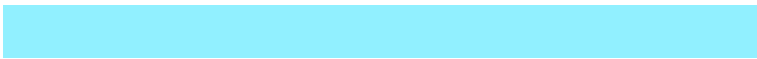
The Inverse Universe completely reimagines the original color for something new.



44.9737, 0.3851, 0.2886



38.1557, 0.4084, 0.2811



75.7490, 0.2512, 0.3121



18.0933, 0.3238, 0.3206



11.5229, 0.5567, 0.2840



1.1418, 0.5253, 0.2667

Previews

White Background



This preview shows how the Yxy color 44.9715, 0.3851, 0.2886 looks on a white background.

Color Contrast Check

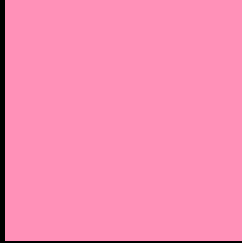
Large Text (above 18pt) WCAG AA × Fail

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 44.9715, 0.3851, 0.2886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

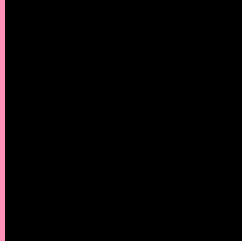
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9715, 0.3851, 0.2886

Background



This preview shows how black text looks on a background with the Yxy color 44.9715, 0.3851, 0.2886.



This preview shows how white text looks on a background with the Yxy color 44.9715, 0.3851, 0.2886.

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

44.9715, 0.3851, 0.2886

Protanopia

45.3144, 0.2902, 0.2955

Deuteranopia

45.2625, 0.3282, 0.3227



Tritanopia

44.9156, 0.4073, 0.3176

Trichromacy



Original Color

44.9715, 0.3851, 0.2886



Protanomaly

44.1410, 0.3208, 0.2913



Deuteranomaly

44.2823, 0.3477, 0.3076



Tritanomaly

45.1152, 0.3991, 0.3071

Monochromacy



Original Color

44.9715, 0.3851, 0.2886



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

45.3501, 0.3373, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9715, 0.3851, 0.2886 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, 145, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 184)  
}
```

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, 145, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 184) }
```

Border

The CSS property to change the border of an element to Yxy 44.9715, 0.3851, 0.2886 is called "border". The border property can be set on classes, ids or directly on the HTML element.

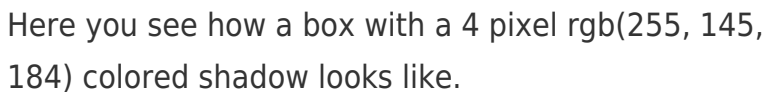
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 145, 184) }
```

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

```
.border{ border-color:rgb(255, 145, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 145, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 145, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 145, 184); box-shadow:4px 4px 4px 4px rgb(255, 145, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9715, 0.3851, 0.2886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 184) }
```

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

```
.background{ background-color: rgb(255,  
145, 184) }
```

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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