

# Converting Colors

Yxy(45.0634, 0.3615, 0.2649)

Have a look what the booklet for  
Yxy(45.0634, 0.3615, 0.2649)  
contains.

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# Color

**Yxy(44.9838, 0.3610, 0.2642)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD8FCE
RGB	253, 143, 206
RGB Percent	99%, 56%, 81%
CMY	0.0079, 0.4391, 0.1923
CMYK	0.00, 0.43, 0.19, 0.01
HSL	326°, 96%, 78%
HSV	326°, 43%, 99%
XYZ	61.4654, 44.9838, 63.8150
YIQ	183.0720, 45.3370, 42.9130

# Conversions

## Conversions Part 2

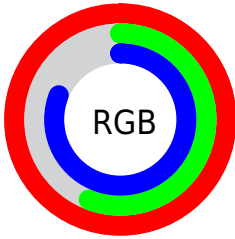
Format	Color
R <sub>Y</sub> B	253, 143, 206
Decimal	16617422
CIE Lab	72.88, 49.27, -14.13
CIE LCh	73, 51.259, 344.000
Yxy	44.9838, 0.3610, 0.2642
Android (android.graphics.Color)	4294807502 (0xFFFD8FCE)
YUV	183.0720, 11.3035, 61.3269
Hunter-Lab	67.0700, 46.2115, -9.4636

# Details

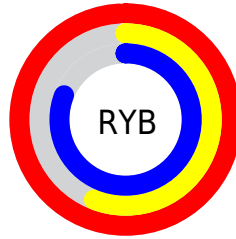
The Yxy color **44.9838, 0.3610, 0.2642** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **79.8058, 0.2833, 0.4056**, and the grayscale version is **47.3153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3268, 0.3153, 0.2742**, and **20.8811, 0.3729, 0.2473** is the 20% darker color. If you saturate the color by 10%, you get **37.7186, 0.3774, 0.2506**, and if you desaturate by 10%, it is **54.0020, 0.3467, 0.2791**.

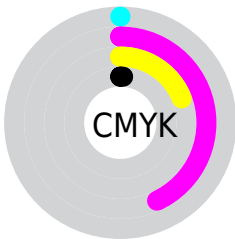
# Distribution



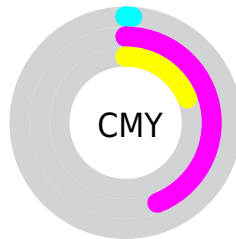
- Red (99%)
- Green (56%)
- Blue (81%)



- Red (99%)
- Yellow (56%)
- Blue (81%)



- Cyan (0%)
- Magenta (43%)
- Yellow (19%)
- Black (1%)



- Cyan (1%)
- Magenta (44%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9838, 0.3610, 0.2642 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 44.9838, 0.3610, 0.2642 by changing the saturation by 10% instead.



 44.9838, 0.3610,  
0.2642

 44.9838, 0.3610,  
0.2642


366.7079, 0.3376,  
0.2950

 31.4447, 0.3666,  
0.2570

 82.6961, 0.3527,  
0.2750

 20.9377, 0.3736,  
0.2480


 107.6381, 0.3495,  
0.2792

 13.0785, 0.3828,  
0.2365


137.1497, 0.3468,  
0.2828

 7.4826, 0.3951,  
0.2213

171.6156, 0.3445,  
0.2859

 3.7657, 0.4125,  
0.2003

211.4199, 0.3424,  
0.2886

 1.5434, 0.4390,  
0.1698

256.9471, 0.3406,

 0.3190, 0.4989,

0.2910

0.0938

308.5817, 0.3391,  
0.2931

0.0000, 0.7777,  
0.0000

0.0000, 0.0000,  
0.0000

44.9838, 0.3610,  
0.2642

44.9838, 0.3610,  
0.2642

37.7186, 0.3774,  
0.2506

54.0020, 0.3467,  
0.2791

32.0829, 0.3957,  
0.2393

64.8733, 0.3344,  
0.2945

27.9468, 0.4155,  
0.2317

77.6976, 0.3240,  
0.3096

25.1578, 0.4359,  
0.2289

92.5658, 0.3154,  
0.3242

■ 23.5304, 0.4561,  
0.2315

99.6210, 0.3115,  
0.3290

■ 22.9197, 0.4689,  
0.2357

# Harmonies

## Analogous

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



44.9838, 0.2872, 0.2315



44.9838, 0.3610, 0.2642



44.9838, 0.4262, 0.3109

# Triad

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



44.9838, 0.3610, 0.2642



44.9838, 0.3920, 0.4552



44.9838, 0.1876, 0.2674

# Complementary

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



44.9838, 0.3610, 0.2642



79.8058, 0.2833, 0.4056

# 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.



44.9838, 0.2087, 0.3332



44.9838, 0.3610, 0.2642



44.9838, 0.3245, 0.4574

# Square

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



44.9838, 0.3610, 0.2642



44.9838, 0.4416, 0.4167



44.9838, 0.2574, 0.4093



44.9838, 0.1947, 0.2292



# Rectangle

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



44.9838, 0.3610, 0.2642



44.9838, 0.4512, 0.3462



44.9838, 0.2574, 0.4093



44.9838, 0.1914, 0.2866

# Sweetspot

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



44.9859, 0.3610, 0.2642



79.7634, 0.3236, 0.3103



37.5399, 0.2641, 0.2044



16.4133, 0.3257, 0.3070



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.



44.9859, 0.3610, 0.2642



39.3687, 0.3749, 0.2524



42.8042, 0.4183, 0.3196



18.1614, 0.3204, 0.3155



12.2232, 0.4659, 0.2340



1.2120, 0.4447, 0.2223



# Inverse Universe

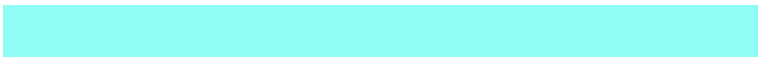
The Inverse Universe completely reimagines the original color for something new.



44.9859, 0.3610, 0.2642



39.3687, 0.3749, 0.2524



82.6075, 0.2578, 0.3393



18.1614, 0.3204, 0.3155



12.2232, 0.4659, 0.2340

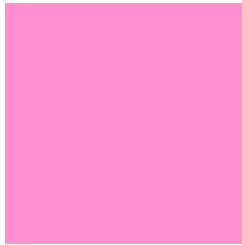


1.2120, 0.4447, 0.2223



# Previews

## White Background



This preview shows how the Yxy color 44.9838, 0.3610, 0.2642 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

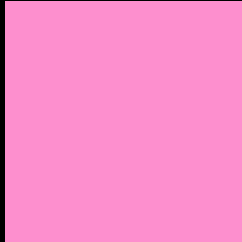
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 44.9838, 0.3610, 0.2642 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

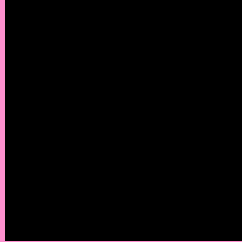
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 44.9838, 0.3610, 0.2642**

## **Background**



This preview shows how black text looks on a background with the Yxy color 44.9838, 0.3610, 0.2642.

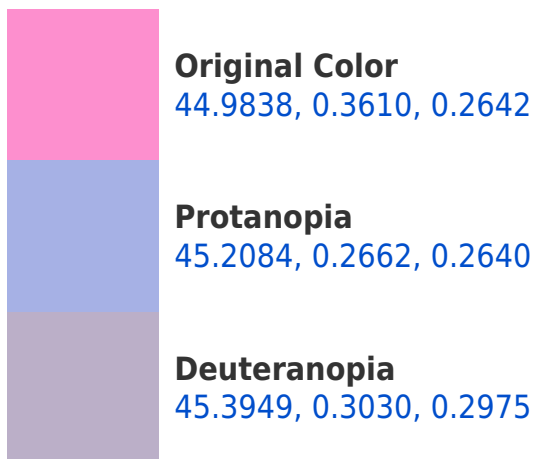


This preview shows how white text looks on a background with the Yxy color 44.9838, 0.3610, 0.2642.

# 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





## Tritanopia

44.7340, 0.3987, 0.3163

# Trichromacy



## Original Color

44.9838, 0.3610, 0.2642



## Protanomaly

44.1365, 0.2960, 0.2624



## Deuteranomaly

44.3075, 0.3231, 0.2828



## Tritanomaly

44.7585, 0.3848, 0.2962

# Monochromacy



## Original Color

44.9838, 0.3610, 0.2642



## Achromatopsia

47.3531, 0.3127, 0.3290



## Achromatomaly

45.1767, 0.3295, 0.3012

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 44.9838, 0.3610, 0.2642 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(253, 143, 206)` looks like.

```
.text, #text, p{  
    color:rgb(253, 143, 206)  
}
```

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(253, 143, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 143, 206) }
```

## Border

The CSS property to change the border of an element to Yxy 44.9838, 0.3610, 0.2642 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(253, 143, 206) }
```

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

```
.border{ border-color:rgb(253, 143, 206) }
```

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

Here you see how a box with a 4 pixel rgb(253, 143, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 143, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 143, 206);  
box-shadow:4px 4px 4px 4px rgb(253, 143,  
206) }
```



# Background

The CSS property to change the background color of an element to Yxy 44.9838, 0.3610, 0.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 143, 206) }
```

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

```
.background{ background-color: rgb(253,  
143, 206) }
```

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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