

Converting Colors

Yxy(57.0007, 0.4312, 0.2988)

Have a look what the booklet for
Yxy(57.0007, 0.4312, 0.2988)
contains.

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Color

Yxy(45.5463, 0.3856, 0.2916)

Conversions

Conversions Part 1

Format	Color
Hex	FF93B7
RGB	255, 147, 183
RGB Percent	100%, 58%, 72%
CMY	0.0000, 0.4236, 0.2823
CMYK	0.00, 0.42, 0.28, 0.00
HSL	340°, 100%, 79%
HSV	340°, 42%, 100%
XYZ	60.2286, 45.5463, 50.4196
YIQ	183.3960, 52.8120, 34.0920

Conversions

Conversions Part 2

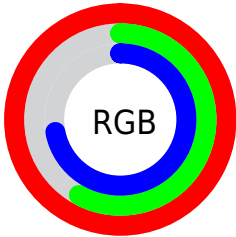
Format	Color
R _Y B	255, 147, 183
Decimal	16749495
CIE Lab	73.25, 44.76, -0.85
CIE LCh	73, 44.771, 358.911
Yxy	45.5463, 0.3856, 0.2916
Android (android.graphics.Color)	4294939575 (0xFFFF93B7)
YUV	183.3960, -0.1952, 62.7967
Hunter-Lab	67.4880, 41.1955, 2.9467

Details

The Yxy color **45.5463, 0.3856, 0.2916** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.8357, 0.2714, 0.3711**, and the grayscale version is **47.5580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2039, 0.3265, 0.2932**, and **21.3529, 0.4065, 0.2818** is the 20% darker color. If you saturate the color by 10%, you get **37.8077, 0.4127, 0.2836**, and if you desaturate by 10%, it is **55.1222, 0.3626, 0.3005**.

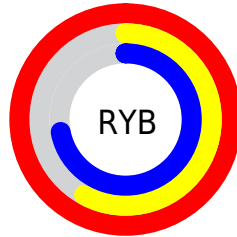
Distribution



Red (100%)

Green (58%)

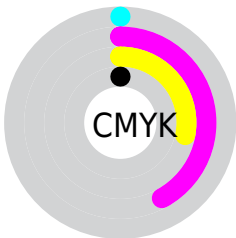
Blue (72%)



Red (100%)

Yellow (58%)

Blue (72%)

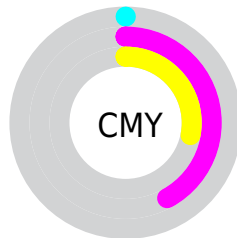


Cyan (0%)

Magenta (42%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (42%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.5463, 0.3856, 0.2916 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 45.5463, 0.3856, 0.2916 by changing the saturation by 10% instead.


 45.5463, 0.3856,
0.2916

 45.5463, 0.3856,
0.2916


368.9816, 0.3492,
0.3102

 31.8879, 0.3947,
0.2870


 83.5396, 0.3724,
0.2984

 21.2759, 0.4063,
0.2811


 108.6433, 0.3674,
0.3009

 13.3258, 0.4217,
0.2733


138.3309, 0.3632,
0.3030

 7.6533, 0.4430,
0.2625

172.9869, 0.3596,
0.3049

 3.8739, 0.4743,
0.2468

212.9955, 0.3565,
0.3065

 1.6033, 0.5244,
0.2217

258.7413, 0.3537,

 0.3598, 0.6615,

0.3079

0.1502

310.6085, 0.3513,
0.3091

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.5463, 0.3856,
0.2916

45.5463, 0.3856,
0.2916

37.8077, 0.4127,
0.2836

55.1222, 0.3626,
0.3005

31.7942, 0.4439,
0.2776

66.6533, 0.3436,
0.3097

27.3682, 0.4782,
0.2748

80.2379, 0.3280,
0.3186

24.3742, 0.5134,
0.2764

95.9698, 0.3153,
0.3271

■ 22.6248, 0.5465,
0.2830

100.0000, 0.3127,
0.3290

■ 21.9164, 0.5690,
0.2908

Harmonies

Analogous

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



45.5463, 0.3224, 0.2550



45.5463, 0.3856, 0.2916



45.5463, 0.4292, 0.3375

Triad

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



45.5463, 0.3856, 0.2916



45.5463, 0.3551, 0.4445



45.5463, 0.2018, 0.2557

Complementary

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



45.5463, 0.3856, 0.2916



82.8357, 0.2714, 0.3711

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.



45.5463, 0.2084, 0.3026



45.5463, 0.3856, 0.2916



45.5463, 0.2937, 0.4234

Square

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



45.5463, 0.3856, 0.2916



45.5463, 0.4080, 0.4264



45.5463, 0.2405, 0.3667



45.5463, 0.2203, 0.2333

Rectangle

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



45.5463, 0.3856, 0.2916



45.5463, 0.4385, 0.3698



45.5463, 0.2405, 0.3667



45.5463, 0.2011, 0.2687

Sweetspot

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



45.5435, 0.3856, 0.2916



79.3006, 0.3290, 0.3181



42.8662, 0.2859, 0.2144



16.2995, 0.3322, 0.3161



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.



45.5435, 0.3856, 0.2916



38.7535, 0.4088, 0.2846



49.6287, 0.4162, 0.3463



18.0870, 0.3242, 0.3211



11.4764, 0.5646, 0.2884



1.1367, 0.5328, 0.2709

Inverse Universe

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



45.5435, 0.3856, 0.2916



38.7535, 0.4088, 0.2846



75.0372, 0.2518, 0.3103



18.0870, 0.3242, 0.3211



11.4764, 0.5646, 0.2884



1.1367, 0.5328, 0.2709

Previews

White Background



This preview shows how the Yxy color 45.5463, 0.3856, 0.2916 looks on a white background.

Color Contrast Check

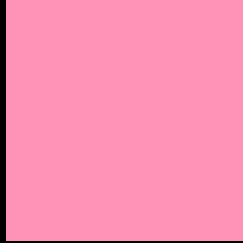
Large Text (above 18pt) WCAG AA × Fail

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 45.5463, 0.3856, 0.2916 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 45.5463, 0.3856, 0.2916

Background



This preview shows how black text looks on a background with the Yxy color 45.5463, 0.3856, 0.2916.



This preview shows how white text looks on a background with the Yxy color 45.5463, 0.3856, 0.2916.

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

45.5463, 0.3856, 0.2916

Protanopia

45.8516, 0.2933, 0.2994

Deuteranopia

45.4922, 0.3309, 0.3240



Tritanopia

45.6245, 0.4044, 0.3176

Trichromacy



Original Color

45.5463, 0.3856, 0.2916



Protanomaly

44.5567, 0.3234, 0.2950



Deuteranomaly

44.9063, 0.3503, 0.3101



Tritanomaly

45.7858, 0.3973, 0.3082

Monochromacy



Original Color

45.5463, 0.3856, 0.2916



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.7237, 0.3372, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5463, 0.3856, 0.2916 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, 147, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 183)  
}
```

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, 147, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 183) }
```

Border

The CSS property to change the border of an element to Yxy 45.5463, 0.3856, 0.2916 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, 147, 183) }
```

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

```
.border{ border-color:rgb(255, 147, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5463, 0.3856, 0.2916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 183) }
```

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

```
.background{ background-color: rgb(255,  
147, 183) }
```

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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