

Converting Colors

$Y_{xy}(45.3511, 0.3618, 0.2634)$

Have a look what the booklet for
Yxy(45.3511, 0.3618, 0.2634)
contains.

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Color

Yxy(45.4099, 0.3618, 0.2636)

Conversions

Conversions Part 1

Format	Color
Hex	FF8FCF
RGB	255, 143, 207
RGB Percent	100%, 56%, 81%
CMY	0.0000, 0.4392, 0.1881
CMYK	0.00, 0.44, 0.19, 0.00
HSL	326°, 100%, 78%
HSV	326°, 44%, 100%
XYZ	62.3266, 45.4099, 64.5317
YIQ	183.7840, 46.2080, 43.6480

Conversions

Conversions Part 2

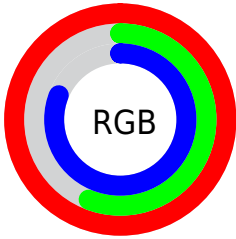
Format	Color
R _Y B	255, 143, 207
Decimal	16748495
CIE Lab	73.16, 50.08, -14.27
CIE LCh	73, 52.071, 344.094
Yxy	45.4099, 0.3618, 0.2636
Android (android.graphics.Color)	4294938575 (0xFFFF8FCF)
YUV	183.7840, 11.4455, 62.4564
Hunter-Lab	67.3869, 47.1690, -9.6071

Details

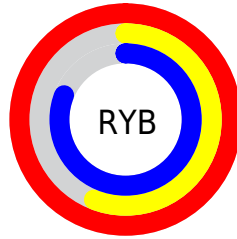
The Yxy color $45.4099, 0.3618, 0.2636$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $81.1175, 0.2831, 0.4065$, and the grayscale version is $47.7260, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.3268, 0.3153, 0.2742$, and $21.1804, 0.3740, 0.2469$ is the 20% darker color. If you saturate the color by 10%, you get $38.0904, 0.3784, 0.2500$, and if you desaturate by 10%, it is $54.5105, 0.3473, 0.2785$.

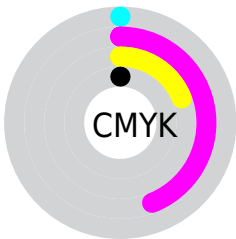
Distribution



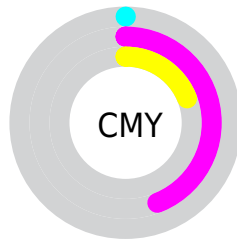
- Red (100%)
- Green (56%)
- Blue (81%)



- Red (100%)
- Yellow (56%)
- Blue (81%)



- Cyan (0%)
- Magenta (44%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.4099, 0.3618, 0.2636 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 45.4099, 0.3618, 0.2636 by changing the saturation by 10% instead.


 45.4099, 0.3618,
0.2636

 45.4099, 0.3618,
0.2636


368.4311, 0.3381,
0.2946

 31.7804, 0.3675,
0.2564


 83.3352, 0.3534,
0.2745

 21.1938, 0.3746,
0.2474


 108.3997, 0.3502,
0.2787

 13.2658, 0.3838,
0.2358


138.0448, 0.3474,
0.2823

 7.6118, 0.3963,
0.2206

172.6547, 0.3450,
0.2854

 3.8476, 0.4138,
0.1997

212.6139, 0.3430,
0.2881

 1.5887, 0.4403,
0.1694

258.3068, 0.3411,

 0.3499, 0.4978,

0.2905

0.0981

310.1177, 0.3395,
0.2927

0.0000, 0.7436,
0.0000

0.0000, 0.0000,
0.0000

45.4099, 0.3618,
0.2636

45.4099, 0.3618,
0.2636

38.0904, 0.3784,
0.2500

54.5105, 0.3473,
0.2785

32.4253, 0.3968,
0.2390

65.4945, 0.3349,
0.2938

28.2815, 0.4166,
0.2316

78.4643, 0.3245,
0.3090

25.5024, 0.4371,
0.2290

93.5129, 0.3157,
0.3235

■ 23.8964, 0.4573,
0.2319

99.9992, 0.3127,
0.3290

■ 23.3279, 0.4693,
0.2359

Harmonies

Analogous

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



45.4099, 0.2871, 0.2305



45.4099, 0.3618, 0.2636



45.4099, 0.4278, 0.3108

Triad

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



45.4099, 0.3618, 0.2636



45.4099, 0.3926, 0.4568



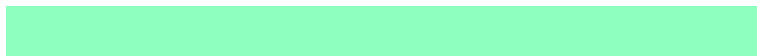
45.4099, 0.1863, 0.2664

Complementary

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



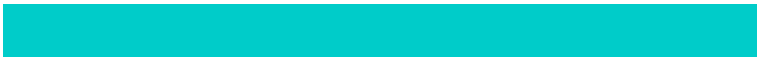
45.4099, 0.3618, 0.2636



81.1175, 0.2831, 0.4065

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.



45.4099, 0.2073, 0.3329



45.4099, 0.3618, 0.2636



45.4099, 0.3242, 0.4591

Square

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



45.4099, 0.3618, 0.2636



45.4099, 0.4429, 0.4177



45.4099, 0.2564, 0.4102



45.4099, 0.1935, 0.2280

Rectangle

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



45.4099, 0.3618, 0.2636



45.4099, 0.4530, 0.3464



45.4099, 0.2564, 0.4102



45.4099, 0.1901, 0.2858

Sweetspot

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



45.4121, 0.3618, 0.2636



79.7620, 0.3236, 0.3103



37.7704, 0.2634, 0.2030



16.4130, 0.3257, 0.3071



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.



45.4121, 0.3618, 0.2636



38.6935, 0.3767, 0.2512



43.1836, 0.4200, 0.3196



18.1612, 0.3204, 0.3155



12.2203, 0.4661, 0.2342



1.2118, 0.4450, 0.2225

Inverse Universe

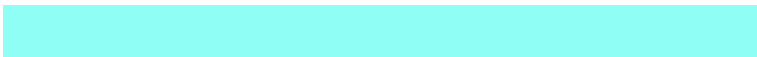
The Inverse Universe completely reimagines the original color for something new.



45.4121, 0.3618, 0.2636



38.6935, 0.3767, 0.2512



83.9904, 0.2573, 0.3394



18.1612, 0.3204, 0.3155



12.2203, 0.4661, 0.2342



1.2118, 0.4450, 0.2225

Previews

White Background



This preview shows how the Yxy color 45.4099, 0.3618, 0.2636 looks on a white background.

Color Contrast Check

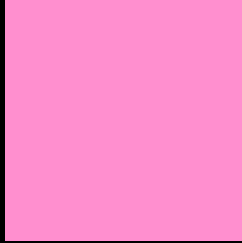
Large Text (above 18pt) WCAG AA × Fail

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 45.4099, 0.3618, 0.2636 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 45.4099, 0.3618, 0.2636

Background



This preview shows how black text looks on a background with the Yxy color 45.4099, 0.3618, 0.2636.



This preview shows how white text looks on a background with the Yxy color 45.4099, 0.3618, 0.2636.

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

45.4099, 0.3618, 0.2636

Protanopia

45.7173, 0.2651, 0.2631

Deuteranopia

45.5684, 0.3031, 0.2963



Tritanopia

45.4248, 0.4002, 0.3175

Trichromacy



Original Color

45.4099, 0.3618, 0.2636



Protanomaly

44.1900, 0.2952, 0.2613



Deuteranomaly

44.5032, 0.3231, 0.2818



Tritanomaly

45.4450, 0.3864, 0.2974

Monochromacy



Original Color

45.4099, 0.3618, 0.2636



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

45.8833, 0.3303, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4099, 0.3618, 0.2636 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, 143, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 207)  
}
```

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, 143, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 207) }
```

Border

The CSS property to change the border of an element to Yxy 45.4099, 0.3618, 0.2636 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, 143, 207) }
```

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

```
.border{ border-color:rgb(255, 143, 207) }
```

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

Here you see how a box with a 4 pixel rgb(255, 143, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4099, 0.3618, 0.2636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 207) }
```

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

```
.background{ background-color: rgb(255,  
143, 207) }
```

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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