

Converting Colors

Yxy(52.0291, 0.3823, 0.2647)

Have a look what the booklet for
Yxy(52.0291, 0.3823, 0.2647)
contains.

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Color

Yxy(45.7600, 0.3549, 0.2570)

Conversions

Conversions Part 1

Format	Color
Hex	FF8FD6
RGB	255, 143, 214
RGB Percent	100%, 56%, 84%
CMY	0.0001, 0.4391, 0.1609
CMYK	0.00, 0.44, 0.16, 0.00
HSL	322°, 100%, 78%
HSV	322°, 44%, 100%
XYZ	63.1915, 45.7600, 69.1029
YIQ	184.5820, 43.9610, 45.8250

Conversions

Conversions Part 2

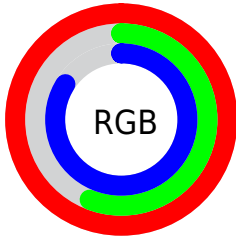
Format	Color
R _Y B	255, 143, 214
Decimal	16748502
CIE Lab	73.39, 51.09, -17.75
CIE LCh	73, 54.089, 340.839
Yxy	45.7600, 0.3549, 0.2570
Android (android.graphics.Color)	4294938582 (0xFFFF8FD6)
YUV	184.5820, 14.5031, 61.7566
Hunter-Lab	67.6461, 48.3648, -13.2146

Details

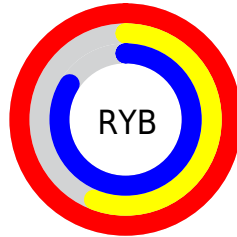
The Yxy color **45.7600, 0.3549, 0.2570** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80.8105, 0.2865, 0.4153**, and the grayscale version is **48.1738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3268, 0.3153, 0.2742**, and **21.3837, 0.3655, 0.2398** is the 20% darker color. If you saturate the color by 10%, you get **38.4920, 0.3688, 0.2421**, and if you desaturate by 10%, it is **54.7993, 0.3426, 0.2733**.

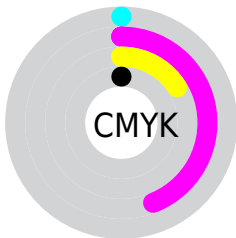
Distribution



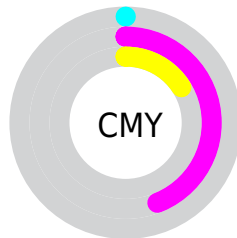
- Red (100%)
- Green (56%)
- Blue (84%)



- Red (100%)
- Yellow (56%)
- Blue (84%)



- Cyan (0%)
- Magenta (44%)
- Yellow (16%)
- Black (0%)




- Cyan (0%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7600, 0.3549, 0.2570 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 45.7600, 0.3549, 0.2570 by changing the saturation by 10% instead.

 45.7600, 0.3549,
0.2570

 45.7600, 0.3549,
0.2570


369.8429, 0.3349,
0.2908

 32.0565, 0.3596,
0.2492


 83.8597, 0.3479,
0.2688

 21.4046, 0.3654,
0.2395


 109.0247, 0.3451,
0.2734

 13.4201, 0.3729,
0.2273

138.7789, 0.3428,
0.2773

 7.7185, 0.3828,
0.2112

173.5068, 0.3408,
0.2807

 3.9153, 0.3965,
0.1895

213.5928, 0.3390,
0.2837

 1.6263, 0.4164,
0.1585

259.4212, 0.3375,

 0.3752, 0.4577,

0.2863

0.0925

311.3764, 0.3361,
0.2887

0.0000, 0.5539,
0.0000

0.0000, 0.0000,
0.0000

45.7600, 0.3549,
0.2570

45.7600, 0.3549,
0.2570

38.4920, 0.3688,
0.2421

54.7993, 0.3426,
0.2733

32.8689, 0.3841,
0.2297

65.7121, 0.3320,
0.2902

28.7582, 0.4003,
0.2211

78.6003, 0.3230,
0.3069

26.0034, 0.4170,
0.2172

93.5567, 0.3153,
0.3229

■ 24.4134, 0.4335,
0.2186

99.9961, 0.3127,
0.3290

■ 23.8502, 0.4433,
0.2216

Harmonies

Analogous

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



45.7600, 0.2784, 0.2250



45.7600, 0.3549, 0.2570



45.7600, 0.4260, 0.3042

Triad

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



45.7600, 0.3549, 0.2570



45.7600, 0.4017, 0.4580



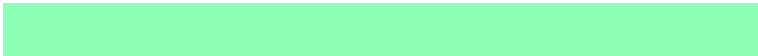
45.7600, 0.1833, 0.2701

Complementary

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



45.7600, 0.3549, 0.2570



80.8105, 0.2865, 0.4153

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.



45.7600, 0.2080, 0.3415



45.7600, 0.3549, 0.2570



45.7600, 0.3322, 0.4665

Square

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



45.7600, 0.3549, 0.2570



45.7600, 0.4508, 0.4144



45.7600, 0.2612, 0.4211



45.7600, 0.1877, 0.2275

Rectangle

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



45.7600, 0.3549, 0.2570



45.7600, 0.4552, 0.3404



45.7600, 0.2612, 0.4211



45.7600, 0.1882, 0.2911

Sweetspot

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



45.7622, 0.3549, 0.2570



79.8854, 0.3222, 0.3084



36.8415, 0.2576, 0.2010



16.4435, 0.3241, 0.3047



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.



45.7622, 0.3549, 0.2570



39.0889, 0.3674, 0.2434



43.4401, 0.4118, 0.3117



18.1809, 0.3195, 0.3140



12.4943, 0.4407, 0.2201



1.2376, 0.4234, 0.2106

Inverse Universe

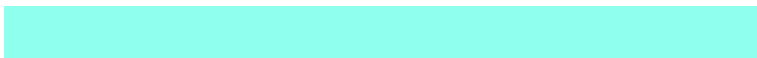
The Inverse Universe completely reimagines the original color for something new.



45.7622, 0.3549, 0.2570



39.0889, 0.3674, 0.2434



83.5326, 0.2607, 0.3481



18.1809, 0.3195, 0.3140



12.4943, 0.4407, 0.2201



1.2376, 0.4234, 0.2106

Previews

White Background



This preview shows how the Yxy color 45.7600, 0.3549, 0.2570 looks on a white background.

Color Contrast Check

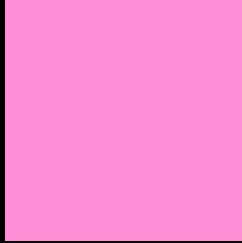
Large Text (above 18pt) WCAG AA × Fail

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 45.7600, 0.3549, 0.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

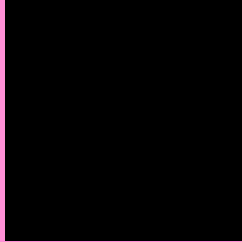
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.7600, 0.3549, 0.2570

Background



This preview shows how black text looks on a background with the Yxy color 45.7600, 0.3549, 0.2570.



This preview shows how white text looks on a background with the Yxy color 45.7600, 0.3549, 0.2570.

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

45.7600, 0.3549, 0.2570

Protanopia

46.3647, 0.2590, 0.2554

Deuteranopia

45.9190, 0.2953, 0.2890



Tritanopia

45.7868, 0.3988, 0.3175

Trichromacy



Original Color

45.7600, 0.3549, 0.2570



Protanomaly

44.8559, 0.2884, 0.2539



Deuteranomaly

44.9057, 0.3153, 0.2750



Tritanomaly

45.5677, 0.3832, 0.2943

Monochromacy



Original Color

45.7600, 0.3549, 0.2570



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

46.4366, 0.3267, 0.2979

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7600, 0.3549, 0.2570 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 214) }
```

Border

The CSS property to change the border of an element to Yxy 45.7600, 0.3549, 0.2570 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, 214) }
```

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

```
.border{ border-color:rgb(255, 143, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7600, 0.3549, 0.2570 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, 214) }
```

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

```
.background{ background-color: rgb(255,  
143, 214) }
```

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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