

Converting Colors

$Y_{xy}(45.8562, 0.3818, 0.2917)$

Have a look what the booklet for
Yxy(45.8562, 0.3818, 0.2917)
contains.

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Color

Yxy(45.8803, 0.3811, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	FD95B9
RGB	253, 149, 185
RGB Percent	99%, 58%, 73%
CMY	0.0077, 0.4158, 0.2745
CMYK	0.00, 0.41, 0.27, 0.01
HSL	339°, 96%, 79%
HSV	339°, 41%, 99%
XYZ	60.0240, 45.8803, 51.5976
YIQ	184.2000, 50.4280, 33.2440

Conversions

Conversions Part 2

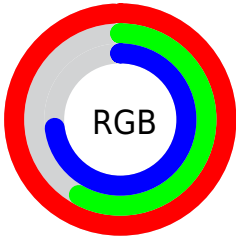
Format	Color
R _Y B	253, 149, 185
Decimal	16618937
CIE Lab	73.47, 43.34, -1.67
CIE LCh	73, 43.370, 357.791
Yxy	45.8803, 0.3811, 0.2913
Android (android.graphics.Color)	4294809017 (0xFFFD95B9)
YUV	184.2000, 0.3944, 60.3376
Hunter-Lab	67.7350, 39.6431, 2.2499

Details

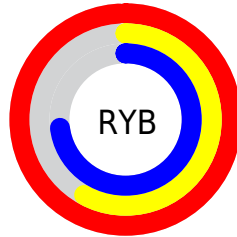
The Yxy color **45.8803, 0.3811, 0.2913** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81.6735, 0.2730, 0.3713**, and the grayscale version is **48.0265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2735, 0.3248, 0.2933**, and **21.5010, 0.4001, 0.2812** is the 20% darker color. If you saturate the color by 10%, you get **38.0695, 0.4071, 0.2828**, and if you desaturate by 10%, it is **55.5159, 0.3592, 0.3006**.

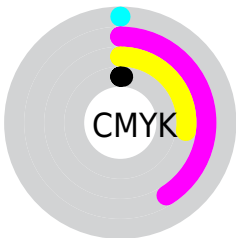
Distribution



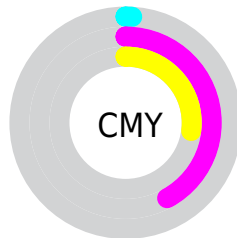
- Red (99%)
- Green (58%)
- Blue (73%)



- Red (99%)
- Yellow (58%)
- Blue (73%)



- Cyan (0%)
- Magenta (41%)
- Yellow (27%)
- Black (1%)





- Cyan (1%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.8803, 0.3811, 0.2913 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 45.8803, 0.3811, 0.2913 by changing the saturation by 10% instead.

 45.8803, 0.3811,
0.2913


 45.8803, 0.3811,
0.2913

370.3272, 0.3470,
0.3100

 32.1514, 0.3896,
0.2867


 84.0398, 0.3687,
0.2980

 21.4771, 0.4004,
0.2808


 109.2392, 0.3641,
0.3006

 13.4732, 0.4148,
0.2731

139.0309, 0.3601,
0.3028

 7.7552, 0.4346,
0.2625

173.7992, 0.3568,
0.3046

 3.9387, 0.4638,
0.2470

213.9286, 0.3538,
0.3062

 1.6393, 0.5104,
0.2226

259.8035, 0.3513,

 0.3839, 0.6304,

0.3076

0.1545

311.8082, 0.3490,
0.3089

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.8803, 0.3811,
0.2913

45.8803, 0.3811,
0.2913

38.0695, 0.4071,
0.2828

55.5159, 0.3592,
0.3006

31.9602, 0.4371,
0.2762

67.0759, 0.3410,
0.3101

27.4245, 0.4703,
0.2726

80.6603, 0.3261,
0.3194

24.3130, 0.5048,
0.2734

96.3607, 0.3139,
0.3281

■ 22.4470, 0.5378,
0.2793

99.6301, 0.3115,
0.3290

■ 21.5883, 0.5640,
0.2881

Harmonies

Analogous

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



45.8803, 0.3198, 0.2562



45.8803, 0.3811, 0.2913



45.8803, 0.4243, 0.3358

Triad

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



45.8803, 0.3811, 0.2913



45.8803, 0.3562, 0.4405



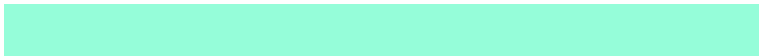
45.8803, 0.2048, 0.2594

Complementary

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



45.8803, 0.3811, 0.2913



81.6735, 0.2730, 0.3713

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.



45.8803, 0.2123, 0.3058



45.8803, 0.3811, 0.2913



45.8803, 0.2967, 0.4214

Square

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



45.8803, 0.3811, 0.2913



45.8803, 0.4067, 0.4224



45.8803, 0.2445, 0.3678



45.8803, 0.2220, 0.2366

Rectangle

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



45.8803, 0.3811, 0.2913



45.8803, 0.4343, 0.3672



45.8803, 0.2445, 0.3678



45.8803, 0.2045, 0.2724

Sweetspot

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



45.8825, 0.3811, 0.2913



80.7845, 0.3273, 0.3186



43.2769, 0.2870, 0.2179



16.8840, 0.3291, 0.3174



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.



45.8825, 0.3811, 0.2913



40.2679, 0.4013, 0.2845



49.8222, 0.4118, 0.3458



18.0909, 0.3240, 0.3208



11.5048, 0.5598, 0.2857



1.1398, 0.5282, 0.2683

Inverse Universe

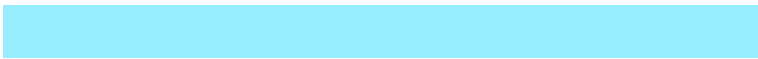
The Inverse Universe completely reimagines the original color for something new.



45.8825, 0.3811, 0.2913



40.2679, 0.4013, 0.2845



74.3004, 0.2533, 0.3109



18.0909, 0.3240, 0.3208



11.5048, 0.5598, 0.2857



1.1398, 0.5282, 0.2683

Previews

White Background



This preview shows how the Yxy color 45.8803, 0.3811, 0.2913 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 45.8803, 0.3811, 0.2913 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 45.8803, 0.3811, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 45.8803, 0.3811, 0.2913.



This preview shows how white text looks on a background with the Yxy color 45.8803, 0.3811, 0.2913.

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

45.8803, 0.3811, 0.2913

Protanopia

46.3493, 0.2919, 0.2983

Deuteranopia

45.9610, 0.3291, 0.3228



Tritanopia

45.9720, 0.3997, 0.3175

Trichromacy



Original Color

45.8803, 0.3811, 0.2913



Protanomaly

45.3863, 0.3215, 0.2951



Deuteranomaly

45.5553, 0.3471, 0.3101



Tritanomaly

46.1305, 0.3927, 0.3080

Monochromacy



Original Color

45.8803, 0.3811, 0.2913



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

46.1418, 0.3361, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8803, 0.3811, 0.2913 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, 149, 185)` looks like.

```
.text, #text, p{  
    color:rgb(253, 149, 185)  
}
```

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, 149, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 149, 185) }
```

Border

The CSS property to change the border of an element to Yxy 45.8803, 0.3811, 0.2913 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, 149, 185) }
```

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

```
.border{ border-color:rgb(253, 149, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 149, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 149, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 149, 185);  
box-shadow:4px 4px 4px 4px rgb(253, 149,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8803, 0.3811, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 149, 185) }
```

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

```
.background{ background-color: rgb(253,  
149, 185) }
```

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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