

Converting Colors

$Y_{xy}(43.6590, 0.3854, 0.2811)$

Have a look what the booklet for
Yxy(43.6590, 0.3854, 0.2811)
contains.

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Color

Yxy(43.5613, 0.3843, 0.2815)

Conversions

Conversions Part 1

Format	Color
Hex	FF8CBA
RGB	255, 140, 186
RGB Percent	100%, 55%, 73%
CMY	0.0001, 0.4508, 0.2707
CMYK	0.00, 0.45, 0.27, 0.00
HSL	336°, 100%, 77%
HSV	336°, 45%, 100%
XYZ	59.4693, 43.5613, 51.7165
YIQ	179.6290, 53.7740, 38.6860

Conversions

Conversions Part 2

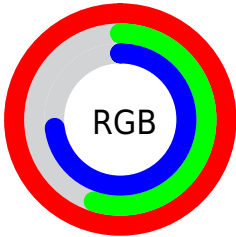
Format	Color
R _Y B	255, 140, 186
Decimal	16747706
CIE Lab	71.93, 48.62, -4.44
CIE LCh	72, 48.824, 354.788
Yxy	43.5613, 0.3843, 0.2815
Android (android.graphics.Color)	4294937786 (0xFFFF8CBA)
YUV	179.6290, 3.1409, 66.1004
Hunter-Lab	66.0010, 45.3333, -0.2572

Details

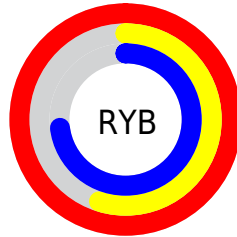
The Yxy color **43.5613, 0.3843, 0.2815** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81.6797, 0.2729, 0.3838**, and the grayscale version is **45.3969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1507, 0.3248, 0.2833**, and **20.0848, 0.4050, 0.2682** is the 20% darker color. If you saturate the color by 10%, you get **36.3373, 0.4093, 0.2723**, and if you desaturate by 10%, it is **52.5854, 0.3629, 0.2920**.

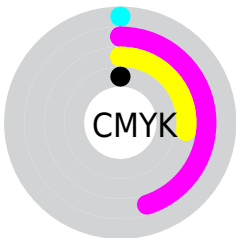
Distribution



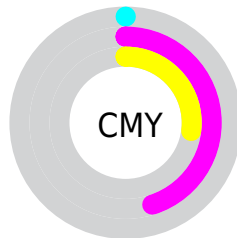
- Red (100%)
- Green (55%)
- Blue (73%)



- Red (100%)
- Yellow (55%)
- Blue (73%)



- Cyan (0%)
- Magenta (45%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5613, 0.3843, 0.2815 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 43.5613, 0.3843, 0.2815 by changing the saturation by 10% instead.


 43.5613, 0.3843,
0.2815


 43.5613, 0.3843,
0.2815


360.9150, 0.3485,
0.3049

 30.3258, 0.3932,
0.2758


 80.5572, 0.3713,
0.2899

 20.0860, 0.4046,
0.2685


 105.0864, 0.3664,
0.2931

 12.4576, 0.4198,
0.2590


134.1488, 0.3623,
0.2958

 7.0561, 0.4407,
0.2460

168.1291, 0.3587,
0.2981

 3.4972, 0.4716,
0.2272

207.4114, 0.3557,
0.3002

 1.3965, 0.5209,
0.1981

252.3802, 0.3530,

 0.2141, 0.6672,

0.3019

0.0941

303.4200, 0.3506,
0.3035

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.5613, 0.3843,
0.2815

43.5613, 0.3843,
0.2815

36.3373, 0.4093,
0.2723

52.5854, 0.3629,
0.2920

30.7838, 0.4376,
0.2654

63.5145, 0.3450,
0.3029

26.7643, 0.4683,
0.2623

76.4531, 0.3302,
0.3137

24.1172, 0.4995,
0.2642

91.4962, 0.3180,
0.3240

■ 22.6438, 0.5291,
0.2714

99.9932, 0.3127,
0.3290

■ 22.2111, 0.5427,
0.2764

Harmonies

Analogous

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



43.5613, 0.3131, 0.2440



43.5613, 0.3843, 0.2815



43.5613, 0.4372, 0.3301

Triad

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



43.5613, 0.3843, 0.2815



43.5613, 0.3673, 0.4565



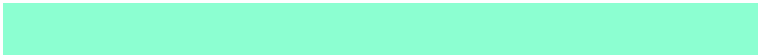
43.5613, 0.1910, 0.2533

Complementary

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



43.5613, 0.3843, 0.2815



81.6797, 0.2729, 0.3838

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.



43.5613, 0.2016, 0.3080



43.5613, 0.3843, 0.2815



43.5613, 0.3001, 0.4408

Square

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



43.5613, 0.3843, 0.2815



43.5613, 0.4232, 0.4300



43.5613, 0.2398, 0.3809



43.5613, 0.2073, 0.2259

Rectangle

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



43.5613, 0.3843, 0.2815



43.5613, 0.4512, 0.3651



43.5613, 0.2398, 0.3809



43.5613, 0.1915, 0.2686

Sweetspot

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



43.5634, 0.3843, 0.2815



77.9957, 0.3288, 0.3149



39.5377, 0.2789, 0.2052



16.0486, 0.3317, 0.3126



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.



43.5634, 0.3843, 0.2815



37.0446, 0.4064, 0.2732



45.4507, 0.4289, 0.3413



18.1074, 0.3231, 0.3195



11.6370, 0.5385, 0.2740



1.1539, 0.5084, 0.2574

Inverse Universe

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



43.5634, 0.3843, 0.2815



37.0446, 0.4064, 0.2732



77.1795, 0.2497, 0.3157



18.1074, 0.3231, 0.3195



11.6370, 0.5385, 0.2740



1.1539, 0.5084, 0.2574

Previews

White Background



This preview shows how the Yxy color 43.5613, 0.3843, 0.2815 looks on a white background.

Color Contrast Check

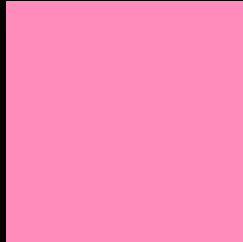
Large Text (above 18pt) WCAG AA × Fail

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 43.5613, 0.3843, 0.2815 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 43.5613, 0.3843, 0.2815

Background



This preview shows how black text looks on a background with the Yxy color 43.5613, 0.3843, 0.2815.



This preview shows how white text looks on a background with the Yxy color 43.5613, 0.3843, 0.2815.

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

43.5613, 0.3843, 0.2815

Protanopia

43.7601, 0.2832, 0.2862

Deuteranopia

43.6685, 0.3233, 0.3162



Tritanopia

43.6535, 0.4119, 0.3187

Trichromacy



Original Color

43.5613, 0.3843, 0.2815



Protanomaly

42.4283, 0.3158, 0.2825



Deuteranomaly

43.0076, 0.3445, 0.3015



Tritanomaly

43.6192, 0.4017, 0.3050

Monochromacy



Original Color

43.5613, 0.3843, 0.2815



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.5531, 0.3370, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5613, 0.3843, 0.2815 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, 140, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 186)  
}
```

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, 140, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 186) }
```

Border

The CSS property to change the border of an element to Yxy 43.5613, 0.3843, 0.2815 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, 140, 186) }
```

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

```
.border{ border-color:rgb(255, 140, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5613, 0.3843, 0.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 186) }
```

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

```
.background{ background-color: rgb(255,  
140, 186) }
```

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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