

Converting Colors

$Y_{xy}(45.5816, 0.3926, 0.2838)$

Have a look what the booklet for
Yxy(45.5816, 0.3926, 0.2838)
contains.

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Color

Yxy(43.8549, 0.3841, 0.2825)

Conversions

Conversions Part 1

Format	Color
Hex	FF8DBA
RGB	255, 141, 186
RGB Percent	100%, 55%, 73%
CMY	0.0000, 0.4470, 0.2707
CMYK	0.00, 0.45, 0.27, 0.00
HSL	336°, 100%, 78%
HSV	336°, 45%, 100%
XYZ	59.6271, 43.8549, 51.7565
YIQ	180.2160, 53.4990, 38.1630

Conversions

Conversions Part 2

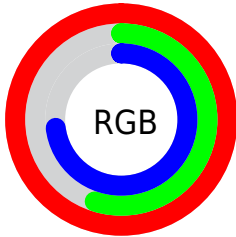
Format	Color
R _Y B	255, 141, 186
Decimal	16747962
CIE Lab	72.13, 48.15, -4.14
CIE LCh	72, 48.328, 355.091
Yxy	43.8549, 0.3841, 0.2825
Android (android.graphics.Color)	4294938042 (0xFFFF8DBA)
YUV	180.2160, 2.8515, 65.5856
Hunter-Lab	66.2230, 44.8309, 0.0181

Details

The Yxy color $43.8549, 0.3841, 0.2825$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $81.8385, 0.2729, 0.3825$, and the grayscale version is $45.7258, 0.3127, 0.3290$.

A 20% lighter version of the original color is $67.6033, 0.3248, 0.2843$, and $20.2456, 0.4046, 0.2694$ is the 20% darker color. If you saturate the color by 10%, you get $36.5594, 0.4092, 0.2733$, and if you desaturate by 10%, it is $52.9532, 0.3626, 0.2929$.

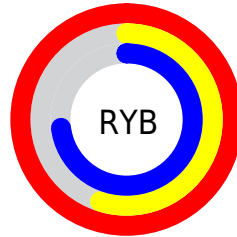
Distribution



Red (100%)

Green (55%)

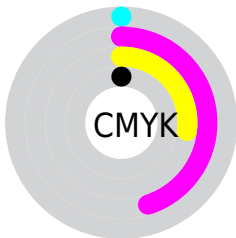
Blue (73%)



Red (100%)

Yellow (55%)

Blue (73%)

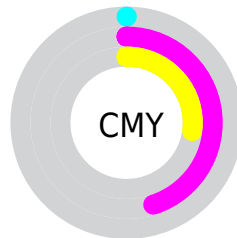


Cyan (0%)

Magenta (45%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8549, 0.3841, 0.2825 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 43.8549, 0.3841, 0.2825 by changing the saturation by 10% instead.


 43.8549, 0.3841,
0.2825

 43.8549, 0.3841,
0.2825


362.1158, 0.3484,
0.3054

 30.5565, 0.3930,
0.2769


 80.9994, 0.3711,
0.2907

 20.2613, 0.4044,
0.2698


 105.6142, 0.3663,
0.2939

 12.5852, 0.4194,
0.2604


134.7699, 0.3622,
0.2965

 7.1435, 0.4403,
0.2477

168.8509, 0.3586,
0.2988

 3.5520, 0.4710,
0.2293

208.2416, 0.3556,
0.3008

 1.4263, 0.5201,
0.2007

253.3264, 0.3529,

 0.2360, 0.6621,

0.3025

0.1020

304.4897, 0.3505,
0.3041

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.8549, 0.3841,
0.2825

43.8549, 0.3841,
0.2825

36.5594, 0.4092,
0.2733

52.9532, 0.3626,
0.2929

30.9426, 0.4377,
0.2665

63.9641, 0.3447,
0.3037

26.8669, 0.4687,
0.2634

76.9901, 0.3298,
0.3143

24.1716, 0.5003,
0.2651

92.1260, 0.3177,
0.3245

■ 22.6597, 0.5302,
0.2722

100.0000, 0.3127,
0.3290

■ 22.1912, 0.5450,
0.2776

Harmonies

Analogous

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



43.8549, 0.3139, 0.2452



43.8549, 0.3841, 0.2825



43.8549, 0.4360, 0.3308

Triad

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



43.8549, 0.3841, 0.2825



43.8549, 0.3662, 0.4550



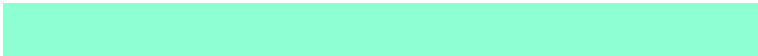
43.8549, 0.1923, 0.2538

Complementary

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



43.8549, 0.3841, 0.2825



81.8385, 0.2729, 0.3825

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.



43.8549, 0.2026, 0.3077



43.8549, 0.3841, 0.2825



43.8549, 0.2997, 0.4388

Square

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



43.8549, 0.3841, 0.2825



43.8549, 0.4216, 0.4294



43.8549, 0.2402, 0.3795



43.8549, 0.2087, 0.2269

Rectangle

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



43.8549, 0.3841, 0.2825



43.8549, 0.4496, 0.3654



43.8549, 0.2402, 0.3795



43.8549, 0.1927, 0.2689

Sweetspot

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



43.8553, 0.3841, 0.2825



79.4167, 0.3276, 0.3161



39.8857, 0.2792, 0.2063



16.3279, 0.3305, 0.3138



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.



43.8553, 0.3841, 0.2825



37.0161, 0.4073, 0.2739



45.7717, 0.4275, 0.3413



18.1057, 0.3232, 0.3197



11.6227, 0.5407, 0.2752



1.1524, 0.5104, 0.2585

Inverse Universe

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



43.8553, 0.3841, 0.2825



37.0161, 0.4073, 0.2739



77.3446, 0.2501, 0.3158



18.1057, 0.3232, 0.3197



11.6227, 0.5407, 0.2752



1.1524, 0.5104, 0.2585

Previews

White Background



This preview shows how the Yxy color 43.8549, 0.3841, 0.2825 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 43.8549, 0.3841, 0.2825 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 43.8549, 0.3841, 0.2825

Background



This preview shows how black text looks on a background with the Yxy color 43.8549, 0.3841, 0.2825.



This preview shows how white text looks on a background with the Yxy color 43.8549, 0.3841, 0.2825.

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

43.8549, 0.3841, 0.2825

Protanopia

44.2627, 0.2840, 0.2876

Deuteranopia

44.1787, 0.3240, 0.3175



Tritanopia

43.6875, 0.4108, 0.3176

Trichromacy



Original Color

43.8549, 0.3841, 0.2825



Protanomaly

42.9211, 0.3167, 0.2839



Deuteranomaly

43.5076, 0.3452, 0.3028



Tritanomaly

43.6563, 0.4006, 0.3039

Monochromacy



Original Color

43.8549, 0.3841, 0.2825



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.9152, 0.3368, 0.3094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8549, 0.3841, 0.2825 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, 141, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 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, 141, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 186) }
```

Border

The CSS property to change the border of an element to Yxy 43.8549, 0.3841, 0.2825 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, 141, 186) }
```

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

```
.border{ border-color:rgb(255, 141, 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, 141, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8549, 0.3841, 0.2825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 186) }
```

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

```
.background{ background-color: rgb(255,  
141, 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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