

Converting Colors

$Y_{xy}(48.5334, 0.3905, 0.2902)$

Have a look what the booklet for
Yxy(48.5334, 0.3905, 0.2902)
contains.

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Color

Yxy(46.3857, 0.3798, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	FF95BC
RGB	255, 149, 188
RGB Percent	100%, 58%, 74%
CMY	0.0000, 0.4157, 0.2626
CMYK	0.00, 0.42, 0.26, 0.00
HSL	338°, 100%, 79%
HSV	338°, 42%, 100%
XYZ	61.0651, 46.3857, 53.3315
YIQ	185.1400, 50.6570, 34.6010

Conversions

Conversions Part 2

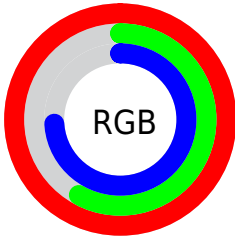
Format	Color
R _Y B	255, 149, 188
Decimal	16750012
CIE Lab	73.80, 44.39, -2.83
CIE LCh	74, 44.484, 356.346
Yxy	46.3857, 0.3798, 0.2885
Android (android.graphics.Color)	4294940092 (0xFFFF95BC)
YUV	185.1400, 1.4100, 61.2672
Hunter-Lab	68.1070, 40.8567, 1.2477

Details

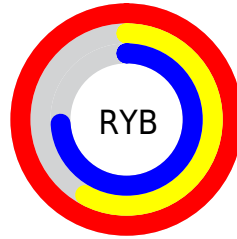
The Yxy color **46.3857, 0.3798, 0.2885** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.8608, 0.2738, 0.3747**, and the grayscale version is **48.5710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4543, 0.3227, 0.2904**, and **21.8508, 0.3982, 0.2778** is the 20% darker color. If you saturate the color by 10%, you get **38.5264, 0.4050, 0.2795**, and if you desaturate by 10%, it is **56.0931, 0.3585, 0.2984**.

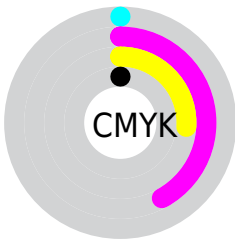
Distribution



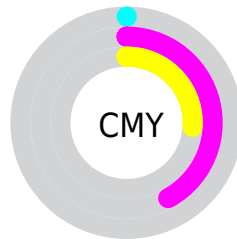
- Red (100%)
- Green (58%)
- Blue (74%)



- Red (100%)
- Yellow (58%)
- Blue (74%)



- Cyan (0%)
- Magenta (42%)
- Yellow (26%)
- Black (0%)




- Cyan (0%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3857, 0.3798, 0.2885 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 46.3857, 0.3798, 0.2885 by changing the saturation by 10% instead.


 46.3857, 0.3798,
0.2885


 46.3857, 0.3798,
0.2885


372.3571, 0.3465,
0.3084

 32.5503, 0.3880,
0.2836


 84.7959, 0.3677,
0.2957

 21.7822, 0.3986,
0.2775


 110.1396, 0.3632,
0.2984

 13.6969, 0.4124,
0.2694


140.0880, 0.3593,
0.3007

 7.9102, 0.4316,
0.2583

175.0258, 0.3560,
0.3027

 4.0375, 0.4596,
0.2424

215.3371, 0.3532,
0.3044

 1.6946, 0.5040,
0.2176

261.4066, 0.3507,

 0.4201, 0.6067,

0.3059

0.1536

313.6184, 0.3484,
0.3072

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.3857, 0.3798,
0.2885

46.3857, 0.3798,
0.2885

38.5264, 0.4050,
0.2795

56.0931, 0.3585,
0.2984

32.3895, 0.4340,
0.2724

67.7503, 0.3408,
0.3085

27.8442, 0.4659,
0.2686

81.4593, 0.3263,
0.3183

24.7374, 0.4991,
0.2692

97.3134, 0.3144,
0.3276

■ 22.8856, 0.5311,
0.2750

99.9984, 0.3127,
0.3290

■ 22.0648, 0.5555,
0.2834

Harmonies

Analogous

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



46.3857, 0.3168, 0.2534



46.3857, 0.3798, 0.2885



46.3857, 0.4253, 0.3335

Triad

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



46.3857, 0.3798, 0.2885



46.3857, 0.3597, 0.4429



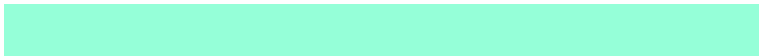
46.3857, 0.2025, 0.2596

Complementary

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



46.3857, 0.3798, 0.2885



82.8608, 0.2738, 0.3747

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.



46.3857, 0.2113, 0.3080



46.3857, 0.3798, 0.2885



46.3857, 0.2991, 0.4255

Square

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



46.3857, 0.3798, 0.2885



46.3857, 0.4105, 0.4225



46.3857, 0.2452, 0.3718



46.3857, 0.2188, 0.2353

Rectangle

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



46.3857, 0.3798, 0.2885



46.3857, 0.4368, 0.3655



46.3857, 0.2452, 0.3718



46.3857, 0.2026, 0.2732

Sweetspot

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



46.3879, 0.3798, 0.2885



80.8234, 0.3268, 0.3179



43.0676, 0.2837, 0.2157



16.8932, 0.3286, 0.3166



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.



46.3879, 0.3798, 0.2885



39.6419, 0.4008, 0.2808



49.0485, 0.4150, 0.3423



18.0977, 0.3236, 0.3203



11.5564, 0.5512, 0.2810



1.1454, 0.5201, 0.2639

Inverse Universe

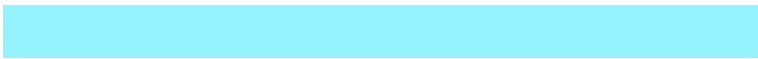
The Inverse Universe completely reimagines the original color for something new.



46.3879, 0.3798, 0.2885



39.6419, 0.4008, 0.2808



77.4877, 0.2534, 0.3148



18.0977, 0.3236, 0.3203



11.5564, 0.5512, 0.2810



1.1454, 0.5201, 0.2639

Previews

White Background



This preview shows how the Yxy color 46.3857, 0.3798, 0.2885 looks on a white background.

Color Contrast Check

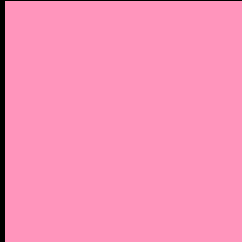
Large Text (above 18pt) WCAG AA × Fail

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 46.3857, 0.3798, 0.2885 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 46.3857, 0.3798, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 46.3857, 0.3798, 0.2885.



This preview shows how white text looks on a background with the Yxy color 46.3857, 0.3798, 0.2885.

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

46.3857, 0.3798, 0.2885

Protanopia

46.4946, 0.2897, 0.2946

Deuteranopia

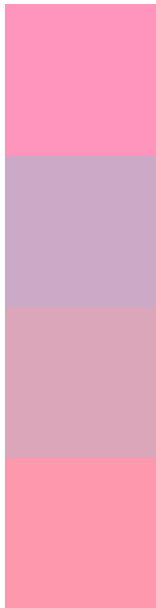
46.4753, 0.3264, 0.3203



Tritanopia

46.3817, 0.4005, 0.3165

Trichromacy



Original Color

46.3857, 0.3798, 0.2885

Protanomaly

45.5252, 0.3189, 0.2916

Deuteranomaly

45.8353, 0.3453, 0.3067

Tritanomaly

46.5444, 0.3935, 0.3071

Monochromacy



Original Color

46.3857, 0.3798, 0.2885

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

46.7519, 0.3351, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3857, 0.3798, 0.2885 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, 149, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 188)  
}
```

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, 149, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 188) }
```

Border

The CSS property to change the border of an element to Yxy 46.3857, 0.3798, 0.2885 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, 149, 188) }
```

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

```
.border{ border-color:rgb(255, 149, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3857, 0.3798, 0.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 188) }
```

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

```
.background{ background-color: rgb(255,  
149, 188) }
```

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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