

Converting Colors

$Yxy(46.7684, 0.3888, 0.3047)$

Have a look what the booklet for
Yxy(46.7684, 0.3888, 0.3047)
contains.

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Color

Yxy(46.7997, 0.3892, 0.3049)

Conversions

Conversions Part 1

Format	Color
Hex	FD99B0
RGB	253, 153, 176
RGB Percent	99%, 60%, 69%
CMY	0.0078, 0.4000, 0.3098
CMYK	0.00, 0.40, 0.30, 0.01
HSL	346°, 96%, 80%
HSV	346°, 40%, 99%
XYZ	59.7391, 46.7997, 46.9532
YIQ	185.5220, 52.2170, 28.3530

Conversions

Conversions Part 2

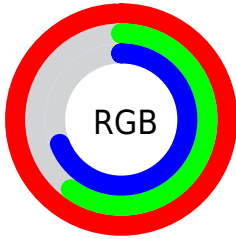
Format	Color
R _Y B	253, 153, 176
Decimal	16619952
CIE Lab	74.06, 40.10, 4.18
CIE LCh	74, 40.316, 5.949
Yxy	46.7997, 0.3892, 0.3049
Android (android.graphics.Color)	4294810032 (0xFFFD99B0)
YUV	185.5220, -4.6943, 59.1782
Hunter-Lab	68.4103, 36.1565, 7.1937

Details

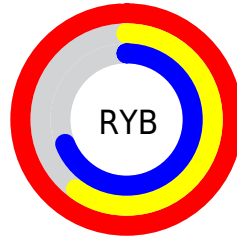
The Yxy color **46.7997, 0.3892, 0.3049** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.7474, 0.2686, 0.3554**, and the grayscale version is **48.8275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6871, 0.3309, 0.3060**, and **22.0389, 0.4103, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **38.6626, 0.4199, 0.2993**, and if you desaturate by 10%, it is **56.8079, 0.3637, 0.3111**.

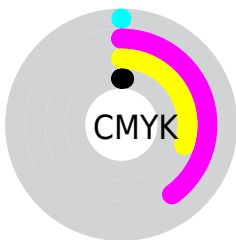
Distribution



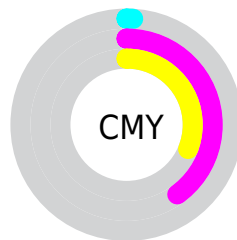
- Red (99%)
- Green (60%)
- Blue (69%)



- Red (99%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (40%)
- Yellow (30%)
- Black (1%)




- Cyan (1%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.7997, 0.3892, 0.3049 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 46.7997, 0.3892, 0.3049 by changing the saturation by 10% instead.


 46.7997, 0.3892,
0.3049

 46.7997, 0.3892,
0.3049


374.0144, 0.3509,
0.3174

 32.8773, 0.3988,
0.3017


 85.4146, 0.3753,
0.3095

 22.0325, 0.4110,
0.2975


 110.8758, 0.3700,
0.3112

 13.8808, 0.4273,
0.2919


140.9522, 0.3656,
0.3127

 8.0378, 0.4499,
0.2838

176.0281, 0.3618,
0.3139

 4.1191, 0.4831,
0.2716

216.4879, 0.3585,
0.3149

 1.7404, 0.5362,
0.2512

262.7159, 0.3556,

 0.4496, 0.7044,

0.3158

0.2054

315.0967, 0.3531,
0.3166

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.7997, 0.3892,
0.3049

46.7997, 0.3892,
0.3049

38.6626, 0.4199,
0.2993

56.8079, 0.3637,
0.3111

32.2731, 0.4555,
0.2951

68.7868, 0.3428,
0.3174

27.5035, 0.4950,
0.2933

82.8373, 0.3258,
0.3235

24.2059, 0.5354,
0.2949

99.0511, 0.3121,
0.3293

■ 22.2045, 0.5725,
0.3006

99.6256, 0.3115,
0.3290

■ 21.2280, 0.6022,
0.3094

■ 21.1928, 0.6034,
0.3098

Harmonies

Analogous

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



46.7997, 0.3353, 0.2688



46.7997, 0.3892, 0.3049



46.7997, 0.4214, 0.3480

Triad

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



46.7997, 0.3892, 0.3049



46.7997, 0.3387, 0.4304



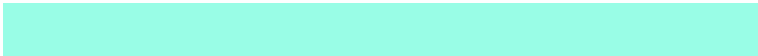
46.7997, 0.2143, 0.2567

Complementary

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



46.7997, 0.3892, 0.3049



82.7474, 0.2686, 0.3554

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.



46.7997, 0.2150, 0.2944



46.7997, 0.3892, 0.3049



46.7997, 0.2838, 0.4027

Square

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



46.7997, 0.3892, 0.3049



46.7997, 0.3891, 0.4229



46.7997, 0.2392, 0.3491



46.7997, 0.2365, 0.2409

Rectangle

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



46.7997, 0.3892, 0.3049



46.7997, 0.4245, 0.3770



46.7997, 0.2392, 0.3491



46.7997, 0.2119, 0.2668

Sweetspot

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



46.8020, 0.3892, 0.3049



80.5807, 0.3297, 0.3221



46.6449, 0.2979, 0.2253



16.8363, 0.3318, 0.3213



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.



46.8020, 0.3892, 0.3049



41.2634, 0.4117, 0.3006



55.6950, 0.4013, 0.3575



18.0555, 0.3258, 0.3236



11.2904, 0.5997, 0.3077



1.1151, 0.5687, 0.2907

Inverse Universe

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



46.8020, 0.3892, 0.3049



41.2634, 0.4117, 0.3006



68.4455, 0.2532, 0.2980



18.0555, 0.3258, 0.3236



11.2904, 0.5997, 0.3077



1.1151, 0.5687, 0.2907

Previews

White Background



This preview shows how the Yxy color 46.7997, 0.3892, 0.3049 looks on a white background.

Color Contrast Check

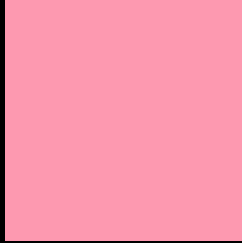
Large Text (above 18pt) WCAG AA × Fail

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 46.7997, 0.3892, 0.3049 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 46.7997, 0.3892, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 46.7997, 0.3892, 0.3049.

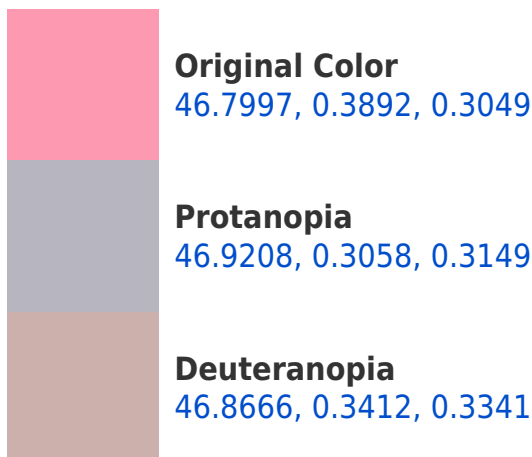


This preview shows how white text looks on a background with the Yxy color 46.7997, 0.3892, 0.3049.

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





Tritanopia

46.8913, 0.3978, 0.3175

Trichromacy



Original Color

46.7997, 0.3892, 0.3049



Protanomaly

46.0809, 0.3335, 0.3108



Deuteranomaly

46.5520, 0.3588, 0.3232



Tritanomaly

46.7089, 0.3941, 0.3122

Monochromacy



Original Color

46.7997, 0.3892, 0.3049



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

47.3511, 0.3383, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7997, 0.3892, 0.3049 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, 153, 176)` looks like.

```
.text, #text, p{  
    color:rgb(253, 153, 176)  
}
```

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, 153, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 153, 176) }
```

Border

The CSS property to change the border of an element to Yxy 46.7997, 0.3892, 0.3049 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, 153, 176) }
```

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

```
.border{ border-color:rgb(253, 153, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 153, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 153, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 153, 176);  
box-shadow:4px 4px 4px 4px rgb(253, 153,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7997, 0.3892, 0.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 153, 176) }
```

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

```
.background{ background-color: rgb(253,  
153, 176) }
```

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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