

Converting Colors

$Yxy(73.2684, 0.4581, 0.3104)$

Have a look what the booklet for
Yxy(73.2684, 0.4581, 0.3104)
contains.

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Color

Yxy(49.9468, 0.3789, 0.3020)

Conversions

Conversions Part 1

Format	Color
Hex	FFA0BA
RGB	255, 160, 186
RGB Percent	100%, 63%, 73%
CMY	0.0001, 0.3725, 0.2707
CMYK	0.00, 0.37, 0.27, 0.00
HSL	344°, 100%, 81%
HSV	344°, 37%, 100%
XYZ	62.6650, 49.9468, 52.7749
YIQ	191.3690, 48.2740, 28.2260

Conversions

Conversions Part 2

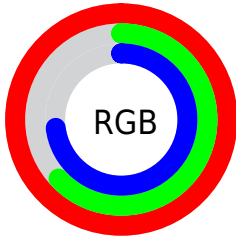
Format	Color
R_{YB}	255, 160, 186
Decimal	16752826
CIE _{Lab}	76.04, 38.47, 1.58
CIE _{LCh}	76, 38.500, 2.352
Yxy	49.9468, 0.3789, 0.3020
Android (android.graphics.Color)	4294942906 (0xFFFFA0BA)
YUV	191.3690, -2.6469, 55.8044
Hunter-Lab	70.6731, 34.5962, 5.1965

Details

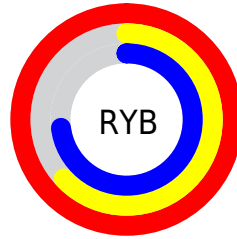
The Yxy color **49.9468, 0.3789, 0.3020** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.6409, 0.2727, 0.3584**, and the grayscale version is **52.3215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7825, 0.3233, 0.3033**, and **23.9446, 0.3967, 0.2945** is the 20% darker color. If you saturate the color by 10%, you get **41.2578, 0.4065, 0.2950**, and if you desaturate by 10%, it is **60.5556, 0.3560, 0.3095**.

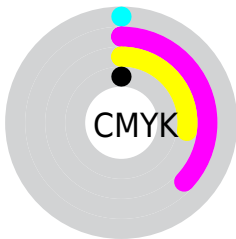
Distribution



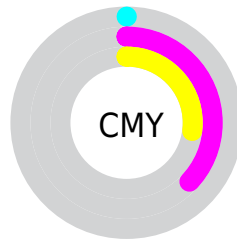
- Red (100%)
- Green (63%)
- Blue (73%)



- Red (100%)
- Yellow (63%)
- Blue (73%)



- Cyan (0%)
- Magenta (37%)
- Yellow (27%)
- Black (0%)




- Cyan (0%)
- Magenta (37%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.9468, 0.3789, 0.3020 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 49.9468, 0.3789, 0.3020 by changing the saturation by 10% instead.


 49.9468, 0.3789,
0.3020

 49.9468, 0.3789,
0.3020

386.4579, 0.3462,
0.3155

 35.3711, 0.3869,
0.2987


 90.0960, 0.3671,
0.3069

 23.9489, 0.3972,
0.2944


 116.4384, 0.3626,
0.3087

 15.2957, 0.4107,
0.2887


147.4718, 0.3589,
0.3103

 9.0272, 0.4292,
0.2809

183.5806, 0.3556,
0.3116

 4.7589, 0.4561,
0.2694

225.1492, 0.3528,
0.3128

 2.1065, 0.4986,
0.2510

272.5620, 0.3503,

 0.6683, 0.5844,

0.3138

0.2161

326.2035, 0.3481,
0.3147

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.9468, 0.3789,
0.3020

49.9468, 0.3789,
0.3020

41.2578, 0.4065,
0.2950

60.5556, 0.3560,
0.3095

34.3659, 0.4388,
0.2894

73.1828, 0.3372,
0.3170

29.1456, 0.4752,
0.2860

87.9288, 0.3219,
0.3241

25.4516, 0.5136,
0.2863

99.9959, 0.3127,
0.3290

■ 23.1138, 0.5507,
0.2909

■ 21.9137, 0.5825,
0.2998

■ 21.6940, 0.5902,
0.3025

Harmonies

Analogous

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



49.9468, 0.3275, 0.2690



49.9468, 0.3789, 0.3020



49.9468, 0.4121, 0.3423

Triad

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



49.9468, 0.3789, 0.3020



49.9468, 0.3436, 0.4242



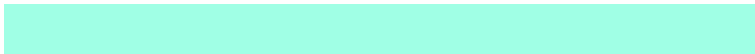
49.9468, 0.2190, 0.2645

Complementary

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



49.9468, 0.3789, 0.3020



84.6409, 0.2727, 0.3584

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.



49.9468, 0.2224, 0.3025



49.9468, 0.3789, 0.3020



49.9468, 0.2919, 0.4021

Square

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



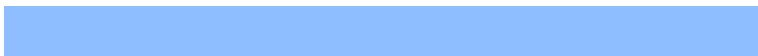
49.9468, 0.3789, 0.3020



49.9468, 0.3893, 0.4145



49.9468, 0.2481, 0.3544



49.9468, 0.2375, 0.2469

Rectangle

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



49.9468, 0.3789, 0.3020



49.9468, 0.4178, 0.3698



49.9468, 0.2481, 0.3544



49.9468, 0.2176, 0.2750

Sweetspot

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



49.9492, 0.3789, 0.3020



82.1467, 0.3273, 0.3215



48.8741, 0.2951, 0.2303



17.1513, 0.3293, 0.3205



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.



49.9492, 0.3789, 0.3020



43.0528, 0.3999, 0.2965



56.6785, 0.3963, 0.3509



18.0686, 0.3251, 0.3225



11.3591, 0.5861, 0.3002



1.1234, 0.5542, 0.2827

Inverse Universe

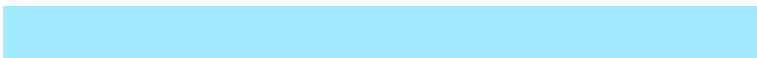
The Inverse Universe completely reimagines the original color for something new.



49.9492, 0.3789, 0.3020



43.0528, 0.3999, 0.2965



73.7707, 0.2572, 0.3056



18.0686, 0.3251, 0.3225



11.3591, 0.5861, 0.3002



1.1234, 0.5542, 0.2827

Previews

White Background



This preview shows how the Yxy color 49.9468, 0.3789, 0.3020 looks on a white background.

Color Contrast Check

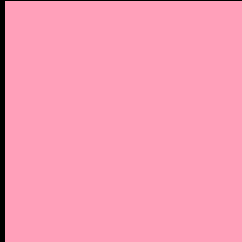
Large Text (above 18pt) WCAG AA × Fail

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 49.9468, 0.3789, 0.3020 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 49.9468, 0.3789, 0.3020

Background



This preview shows how black text looks on a background with the Yxy color 49.9468, 0.3789, 0.3020.

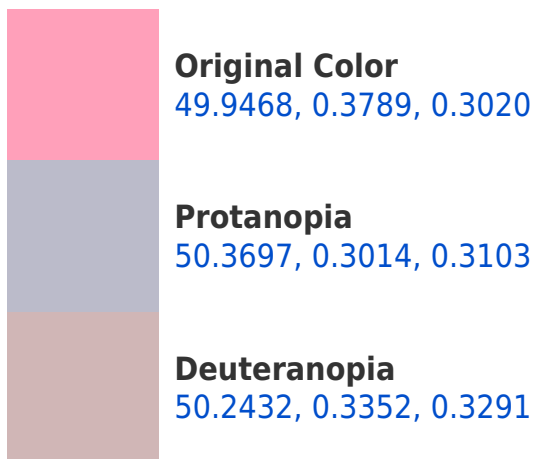


This preview shows how white text looks on a background with the Yxy color 49.9468, 0.3789, 0.3020.

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

49.9675, 0.3892, 0.3165

Trichromacy



Original Color

49.9468, 0.3789, 0.3020



Protanomaly

49.4269, 0.3277, 0.3065



Deuteranomaly

49.6986, 0.3510, 0.3187



Tritanomaly

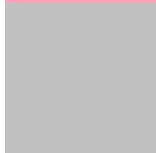
49.7749, 0.3856, 0.3113

Monochromacy



Original Color

49.9468, 0.3789, 0.3020



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.6128, 0.3349, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9468, 0.3789, 0.3020 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, 160, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 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, 160, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 186) }
```

Border

The CSS property to change the border of an element to Yxy 49.9468, 0.3789, 0.3020 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, 160, 186) }
```

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

```
.border{ border-color:rgb(255, 160, 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, 160, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9468, 0.3789, 0.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 186) }
```

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

```
.background{ background-color: rgb(255,  
160, 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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