

Converting Colors

$Y_{xy}(77.3838, 0.4599, 0.3092)$

Have a look what the booklet for
Yxy(77.3838, 0.4599, 0.3092)
contains.

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Color

Yxy(50.8184, 0.3745, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	FFA2BE
RGB	255, 162, 190
RGB Percent	100%, 64%, 75%
CMY	0.0000, 0.3647, 0.2549
CMYK	0.00, 0.36, 0.25, 0.00
HSL	342°, 100%, 82%
HSV	342°, 36%, 100%
XYZ	63.4595, 50.8184, 55.1733
YIQ	192.9990, 46.4400, 28.4240

Conversions

Conversions Part 2

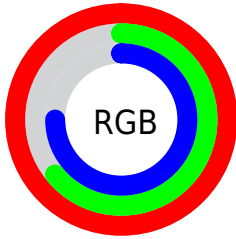
Format	Color
R _Y B	255, 162, 190
Decimal	16753342
CIE Lab	76.57, 38.00, 0.15
CIE LCh	77, 38.004, 0.231
Yxy	50.8184, 0.3745, 0.2999
Android (android.graphics.Color)	4294943422 (0xFFFFA2BE)
YUV	192.9990, -1.4785, 54.3749
Hunter-Lab	71.2870, 34.1478, 4.0128

Details

The Yxy color **50.8184, 0.3745, 0.2999** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.7474, 0.2747, 0.3608**, and the grayscale version is **53.3134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0566, 0.3204, 0.3015**, and **24.4792, 0.3904, 0.2918** is the 20% darker color. If you saturate the color by 10%, you get **41.9934, 0.4005, 0.2921**, and if you desaturate by 10%, it is **61.5567, 0.3528, 0.3082**.

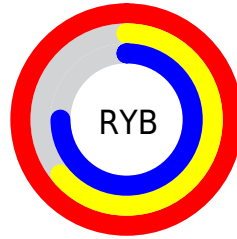
Distribution



Red (100%)

Green (64%)

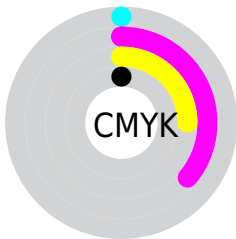
Blue (75%)



Red (100%)

Yellow (64%)

Blue (75%)

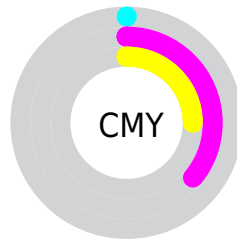


Cyan (0%)

Magenta (36%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (36%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8184, 0.3745, 0.2999 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 50.8184, 0.3745, 0.2999 by changing the saturation by 10% instead.


 50.8184, 0.3745,
0.2999

 50.8184, 0.3745,
0.2999


389.8578, 0.3441,
0.3143

 36.0641, 0.3819,
0.2964


 91.3863, 0.3636,
0.3051

 24.4837, 0.3914,
0.2919


 117.9687, 0.3594,
0.3070

 15.6928, 0.4038,
0.2861


149.2625, 0.3559,
0.3087

 9.3071, 0.4208,
0.2780

185.6522, 0.3529,
0.3101

 4.9420, 0.4454,
0.2664

227.5222, 0.3502,
0.3113

 2.2133, 0.4839,
0.2481

275.2569, 0.3479,

 0.7272, 0.5552,

0.3124

0.2145

329.2406, 0.3459,
0.3134

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.8184, 0.3745,
0.2999

50.8184, 0.3745,
0.2999

41.9934, 0.4005,
0.2921

61.5567, 0.3528,
0.3082

34.9726, 0.4311,
0.2856

74.3180, 0.3351,
0.3164

29.6278, 0.4656,
0.2815

89.1978, 0.3206,
0.3242

25.8159, 0.5024,
0.2809

100.0000, 0.3127,
0.3290

■ 23.3696, 0.5386,
0.2850

■ 22.0805, 0.5707,
0.2937

■ 21.7924, 0.5808,
0.2973

Harmonies

Analogous

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



50.8184, 0.3235, 0.2682



50.8184, 0.3745, 0.2999



50.8184, 0.4088, 0.3393

Triad

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



50.8184, 0.3745, 0.2999



50.8184, 0.3467, 0.4227



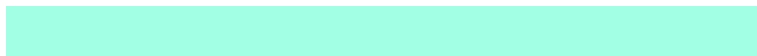
50.8184, 0.2200, 0.2677

Complementary

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



50.8184, 0.3745, 0.2999



84.7474, 0.2747, 0.3608

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.



50.8184, 0.2251, 0.3064



50.8184, 0.3745, 0.2999



50.8184, 0.2958, 0.4032

Square

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



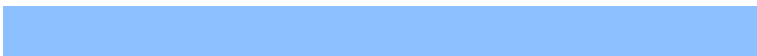
50.8184, 0.3745, 0.2999



50.8184, 0.3905, 0.4114



50.8184, 0.2518, 0.3577



50.8184, 0.2368, 0.2489

Rectangle

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



50.8184, 0.3745, 0.2999



50.8184, 0.4159, 0.3665



50.8184, 0.2518, 0.3577



50.8184, 0.2193, 0.2786

Sweetspot

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



50.8167, 0.3745, 0.2999



82.1917, 0.3268, 0.3207



49.1554, 0.2931, 0.2317



17.1620, 0.3287, 0.3196



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.



50.8167, 0.3745, 0.2999



44.0022, 0.3937, 0.2940



56.1276, 0.3952, 0.3472



18.0771, 0.3247, 0.3219



11.4099, 0.5765, 0.2950



1.1293, 0.5445, 0.2773

Inverse Universe

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



50.8167, 0.3745, 0.2999



44.0022, 0.3937, 0.2940



76.0206, 0.2587, 0.3097



18.0771, 0.3247, 0.3219



11.4099, 0.5765, 0.2950



1.1293, 0.5445, 0.2773

Previews

White Background



This preview shows how the Yxy color 50.8184, 0.3745, 0.2999 looks on a white background.

Color Contrast Check

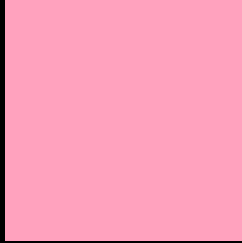
Large Text (above 18pt) WCAG AA × Fail

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 50.8184, 0.3745, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

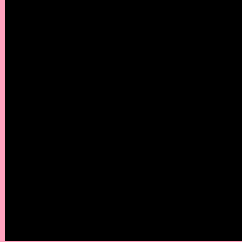
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8184, 0.3745, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 50.8184, 0.3745, 0.2999.



This preview shows how white text looks on a background with the Yxy color 50.8184, 0.3745, 0.2999.

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

50.8184, 0.3745, 0.2999

Protanopia

51.1140, 0.2993, 0.3068

Deuteranopia

50.9675, 0.3326, 0.3255



Tritanopia

50.7961, 0.3856, 0.3155

Trichromacy



Original Color

50.8184, 0.3745, 0.2999



Protanomaly

50.4074, 0.3242, 0.3043



Deuteranomaly

50.4166, 0.3481, 0.3153



Tritanomaly

50.6426, 0.3810, 0.3092

Monochromacy



Original Color

50.8184, 0.3745, 0.2999



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.8606, 0.3339, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8184, 0.3745, 0.2999 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, 162, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 190)  
}
```

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, 162, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 190) }
```

Border

The CSS property to change the border of an element to Yxy 50.8184, 0.3745, 0.2999 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, 162, 190) }
```

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

```
.border{ border-color:rgb(255, 162, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8184, 0.3745, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 190) }
```

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

```
.background{ background-color: rgb(255,  
162, 190) }
```

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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