

Converting Colors

$Y_{xy}(49.3073, 0.3652, 0.2992)$

Have a look what the booklet for
Yxy(49.3073, 0.3652, 0.2992)
contains.

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Color

Yxy(49.3246, 0.3652, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	F5A3BE
RGB	245, 163, 190
RGB Percent	96%, 64%, 75%
CMY	0.0390, 0.3609, 0.2548
CMYK	0.00, 0.33, 0.22, 0.04
HSL	340°, 81%, 80%
HSV	340°, 33%, 96%
XYZ	60.0645, 49.3246, 55.0811
YIQ	190.5960, 40.2050, 25.7810

Conversions

Conversions Part 2

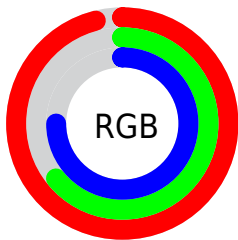
Format	Color
R _Y B	245, 163, 190
Decimal	16098238
CIE Lab	75.65, 34.02, -1.34
CIE LCh	76, 34.043, 357.749
Yxy	49.3246, 0.3652, 0.2999
Android (android.graphics.Color)	4294288318 (0xFFFF5A3BE)
YUV	190.5960, -0.2938, 47.7123
Hunter-Lab	70.2315, 29.7546, 2.6621

Details

The Yxy color **49.3246, 0.3652, 0.2999** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **78.1870, 0.2786, 0.3605**, and the grayscale version is **51.8406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5769, 0.3203, 0.3025**, and **23.5228, 0.3790, 0.2915** is the 20% darker color. If you saturate the color by 10%, you get **40.7747, 0.3887, 0.2912**, and if you desaturate by 10%, it is **59.6460, 0.3457, 0.3089**.

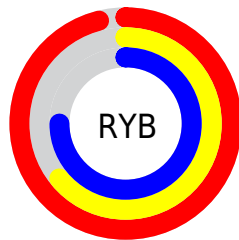
Distribution



Red (96%)

Green (64%)

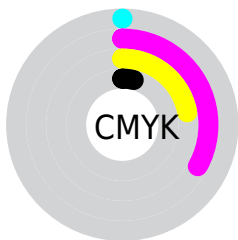
Blue (75%)



Red (96%)

Yellow (64%)

Blue (75%)

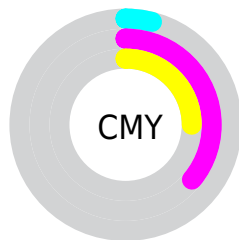


Cyan (0%)

Magenta (33%)

Yellow (22%)

Black (4%)



Cyan (4%)


Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.3246, 0.3652, 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 49.3246, 0.3652, 0.2999 by changing the saturation by 10% instead.


 49.3246, 0.3652,
0.2999

 49.3246, 0.3652,
0.2999


384.0188, 0.3393,
0.3142

 34.8770, 0.3716,
0.2964


 89.1734, 0.3559,
0.3050

 23.5682, 0.3797,
0.2920


 115.3434, 0.3523,
0.3070

 15.0136, 0.3904,
0.2862


146.1896, 0.3493,
0.3086

 8.8289, 0.4051,
0.2782

182.0966, 0.3468,
0.3101

 4.6298, 0.4265,
0.2666

223.4485, 0.3445,
0.3113

 2.0317, 0.4606,
0.2485

270.6300, 0.3426,

 0.6258, 0.5286,

0.3124

324.0253, 0.3408,
0.3133

0.2106

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.3246, 0.3652,
0.2999

49.3246, 0.3652,
0.2999

40.7747, 0.3887,
0.2912

59.6460, 0.3457,
0.3089

33.8889, 0.4164,
0.2834

71.8245, 0.3297,
0.3178

28.5590, 0.4482,
0.2778

85.9483, 0.3167,
0.3262

24.6607, 0.4828,
0.2754

98.1631, 0.3066,
0.3290

■ 22.0506, 0.5180,
0.2776

■ 20.5547, 0.5509,
0.2847

■ 20.0134, 0.5699,
0.2913

Harmonies

Analogous

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



49.3246, 0.3187, 0.2715



49.3246, 0.3652, 0.2999



49.3246, 0.3979, 0.3358

Triad

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



49.3246, 0.3652, 0.2999



49.3246, 0.3477, 0.4136



49.3246, 0.2277, 0.2759

Complementary

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



49.3246, 0.3652, 0.2999



78.1870, 0.2786, 0.3605

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.



49.3246, 0.2341, 0.3125



49.3246, 0.3652, 0.2999



49.3246, 0.3015, 0.3980

Square

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



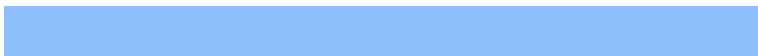
49.3246, 0.3652, 0.2999



49.3246, 0.3862, 0.4022



49.3246, 0.2603, 0.3588



49.3246, 0.2415, 0.2567

Rectangle

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



49.3246, 0.3652, 0.2999



49.3246, 0.4060, 0.3607



49.3246, 0.2603, 0.3588



49.3246, 0.2276, 0.2864

Sweetspot

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



49.3269, 0.3652, 0.2999



83.7430, 0.3249, 0.3208



47.6402, 0.2941, 0.2399



17.4731, 0.3268, 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.



49.3269, 0.3652, 0.2999



47.6135, 0.3802, 0.2941



53.3747, 0.3865, 0.3441



16.5726, 0.3242, 0.3212



10.7984, 0.5657, 0.2890



0.9673, 0.5305, 0.2696

Inverse Universe

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



49.3269, 0.3652, 0.2999



47.6135, 0.3802, 0.2941



71.7438, 0.2631, 0.3131



16.5726, 0.3242, 0.3212



10.7984, 0.5657, 0.2890



0.9673, 0.5305, 0.2696

Previews

White Background



This preview shows how the Yxy color 49.3246, 0.3652, 0.2999 looks on a white background.

Color Contrast Check

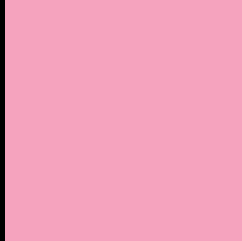
Large Text (above 18pt) WCAG AA × Fail

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 49.3246, 0.3652, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

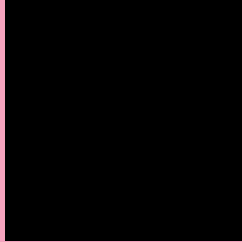
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3246, 0.3652, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 49.3246, 0.3652, 0.2999.



This preview shows how white text looks on a background with the Yxy color 49.3246, 0.3652, 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

49.3246, 0.3652, 0.2999

Protanopia

49.7917, 0.2984, 0.3065

Deuteranopia

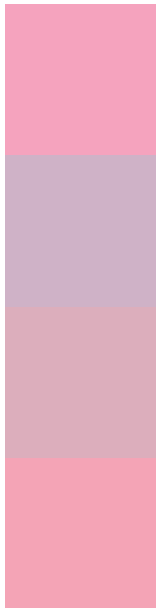
49.6147, 0.3286, 0.3217



Tritanopia

49.3577, 0.3752, 0.3150

Trichromacy



Original Color

49.3246, 0.3652, 0.2999

Protanomaly

49.2297, 0.3208, 0.3039

Deuteranomaly

49.1186, 0.3421, 0.3127

Tritanomaly

49.1614, 0.3717, 0.3095

Monochromacy



Original Color

49.3246, 0.3652, 0.2999

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.6582, 0.3305, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3246, 0.3652, 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(245, 163, 190)` looks like.

```
.text, #text, p{  
    color:rgb(245, 163, 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(245, 163, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 163, 190) }
```

Border

The CSS property to change the border of an element to Yxy 49.3246, 0.3652, 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(245, 163, 190) }
```

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

```
.border{ border-color:rgb(245, 163, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 163, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 163, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 163, 190); box-shadow:4px 4px 4px 4px rgb(245, 163, 190) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3246, 0.3652, 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(245, 163, 190) }
```

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

```
.background{ background-color: rgb(245,  
163, 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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