

Converting Colors

$Y_{xy}(48.2370, 0.3349, 0.2571)$

Have a look what the booklet for
Yxy(48.2370, 0.3349, 0.2571)
contains.

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Color

Yxy(48.2370, 0.3349, 0.2571)

Conversions

Conversions Part 1

Format	Color
Hex	F59BE0
RGB	245, 155, 224
RGB Percent	96%, 61%, 88%
CMY	0.0393, 0.3921, 0.1214
CMYK	0.00, 0.37, 0.09, 0.04
HSL	314°, 82%, 78%
HSV	314°, 37%, 96%
XYZ	62.8338, 48.2370, 76.5488
YIQ	189.7760, 31.4910, 40.5390

Conversions

Conversions Part 2

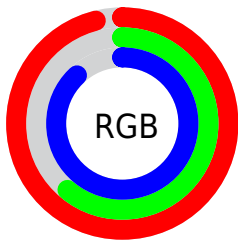
Format	Color
R _Y B	245, 155, 224
Decimal	16096224
CIE Lab	74.97, 43.44, -20.99
CIE LCh	75, 48.241, 334.214
Yxy	48.2370, 0.3349, 0.2571
Android (android.graphics.Color)	4294286304 (0xFFFF59BE0)
YUV	189.7760, 16.8724, 48.4314
Hunter-Lab	69.4529, 39.9459, -16.7306

Details

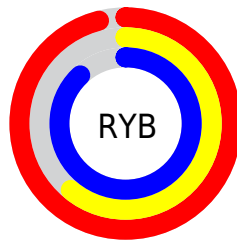
The Yxy color **48.2370, 0.3349, 0.2571** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **75.4011, 0.2964, 0.4139**, and the grayscale version is **51.2466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0685, 0.3147, 0.2861**, and **22.9321, 0.3390, 0.2399** is the 20% darker color. If you saturate the color by 10%, you get **40.5906, 0.3429, 0.2383**, and if you desaturate by 10%, it is **57.5523, 0.3277, 0.2769**.

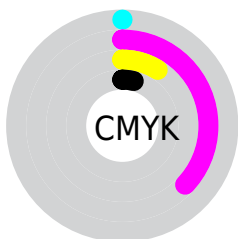
Distribution



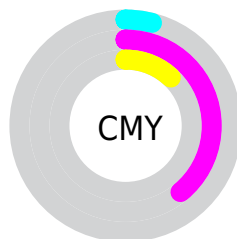
- Red (96%)
- Green (61%)
- Blue (88%)



- Red (96%)
- Yellow (61%)
- Blue (88%)



- Cyan (0%)
- Magenta (37%)
- Yellow (9%)
- Black (4%)




- Cyan (4%)
- Magenta (39%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2370, 0.3349, 0.2571 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 48.2370, 0.3349, 0.2571 by changing the saturation by 10% instead.


 48.2370, 0.3349,
0.2571

 48.2370, 0.3349,
0.2571


379.7308, 0.3249,
0.2905

 34.0146, 0.3371,
0.2495


 87.5572, 0.3315,
0.2687

 22.9048, 0.3398,
0.2400


 113.4237, 0.3301,
0.2732

 14.5232, 0.3431,
0.2281

143.9405, 0.3290,
0.2771

 8.4855, 0.3472,
0.2126

179.4918, 0.3280,
0.2805

 4.4071, 0.3526,
0.1918

220.4621, 0.3271,
0.2835

 1.9038, 0.3595,
0.1625

267.2358, 0.3263,

 0.5507, 0.3710,

0.2861

0.1121

320.1972, 0.3255,
0.2884

0.0000, 0.3816,
0.0000

0.0000, 0.0000,
0.0000

48.2370, 0.3349,
0.2571

48.2370, 0.3349,
0.2571

40.5906, 0.3429,
0.2383

57.5523, 0.3277,
0.2769

34.5058, 0.3516,
0.2215

68.6221, 0.3214,
0.2968

29.8730, 0.3609,
0.2078

81.5343, 0.3159,
0.3163

26.5657, 0.3704,
0.1980

96.3686, 0.3113,
0.3350

■ 24.4354, 0.3797,
0.1929

■ 97.9946, 0.3079,
0.3314

■ 23.2946, 0.3887,
0.1926

■ 98.1508, 0.3066,
0.3290

■ 23.0397, 0.3917,
0.1931

Harmonies

Analogous

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



48.2370, 0.2695, 0.2320



48.2370, 0.3349, 0.2571



48.2370, 0.4001, 0.2975

Triad

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



48.2370, 0.3349, 0.2571



48.2370, 0.4043, 0.4371



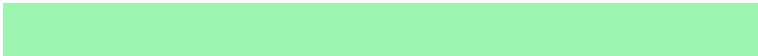
48.2370, 0.1999, 0.2902

Complementary

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



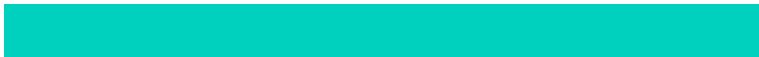
48.2370, 0.3349, 0.2571



75.4011, 0.2964, 0.4139

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.



48.2370, 0.2287, 0.3564



48.2370, 0.3349, 0.2571



48.2370, 0.3456, 0.4509

Square

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



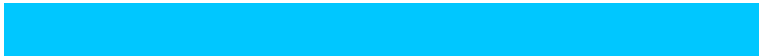
48.2370, 0.3349, 0.2571



48.2370, 0.4405, 0.3964



48.2370, 0.2813, 0.4209



48.2370, 0.1979, 0.2455

Rectangle

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



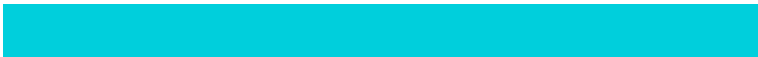
48.2370, 0.3349, 0.2571



48.2370, 0.4310, 0.3296



48.2370, 0.2813, 0.4209



48.2370, 0.2065, 0.3105

Sweetspot

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



48.2392, 0.3349, 0.2571



82.9773, 0.3182, 0.3080



39.0927, 0.2595, 0.2216



17.3492, 0.3189, 0.3054



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.



48.2392, 0.3349, 0.2571



46.4953, 0.3407, 0.2431



46.1709, 0.3765, 0.3015



16.6984, 0.3174, 0.3110



12.4354, 0.3903, 0.1924



1.1086, 0.3797, 0.1866

Inverse Universe

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



48.2392, 0.3349, 0.2571



46.4953, 0.3407, 0.2431



77.4089, 0.2737, 0.3590



16.6984, 0.3174, 0.3110



12.4354, 0.3903, 0.1924



1.1086, 0.3797, 0.1866

Previews

White Background



This preview shows how the Yxy color 48.2370, 0.3349, 0.2571 looks on a white background.

Color Contrast Check

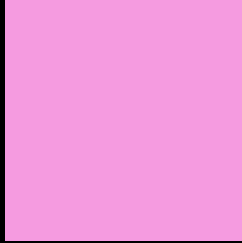
Large Text (above 18pt) WCAG AA × Fail

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 48.2370, 0.3349, 0.2571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

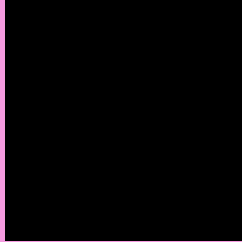
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2370, 0.3349, 0.2571

Background



This preview shows how black text looks on a background with the Yxy color 48.2370, 0.3349, 0.2571.



This preview shows how white text looks on a background with the Yxy color 48.2370, 0.3349, 0.2571.

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

48.2370, 0.3349, 0.2571

Protanopia

48.7235, 0.2593, 0.2557

Deuteranopia

48.6013, 0.2882, 0.2827



Tritanopia

48.0760, 0.3719, 0.3147

Trichromacy



Original Color

48.2370, 0.3349, 0.2571



Protanomaly

47.7373, 0.2830, 0.2549



Deuteranomaly

47.9909, 0.3035, 0.2721



Tritanomaly

48.0856, 0.3581, 0.2931

Monochromacy



Original Color

48.2370, 0.3349, 0.2571



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

49.4102, 0.3210, 0.2995

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2370, 0.3349, 0.2571 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, 155, 224)` looks like.

```
.text, #text, p{  
    color:rgb(245, 155, 224)  
}
```

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, 155, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 155, 224) }
```

Border

The CSS property to change the border of an element to Yxy 48.2370, 0.3349, 0.2571 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, 155, 224) }
```

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

```
.border{ border-color:rgb(245, 155, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 155, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 155, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 155, 224);  
box-shadow:4px 4px 4px 4px rgb(245, 155,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2370, 0.3349, 0.2571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 155, 224) }
```

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

```
.background{ background-color: rgb(245,  
155, 224) }
```

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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