

Converting Colors

$Y_{xy}(46.9971, 0.3333, 0.2539)$

Have a look what the booklet for
Yxy(46.9971, 0.3333, 0.2539)
contains.

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Color

Yxy(46.8930, 0.3335, 0.2537)

Conversions

Conversions Part 1

Format	Color
Hex	F398E0
RGB	243, 152, 224
RGB Percent	95%, 60%, 88%
CMY	0.0470, 0.4039, 0.1217
CMYK	0.00, 0.37, 0.08, 0.05
HSL	313°, 79%, 77%
HSV	313°, 37%, 95%
XYZ	61.6429, 46.8930, 76.3005
YIQ	187.4170, 31.1240, 41.6840

Conversions

Conversions Part 2

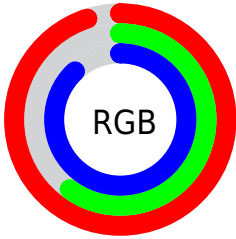
Format	Color
R _Y B	243, 152, 224
Decimal	15964384
CIE Lab	74.12, 44.34, -22.26
CIE LCh	74, 49.619, 333.341
Yxy	46.8930, 0.3335, 0.2537
Android (android.graphics.Color)	4294154464 (0xFFFF398E0)
YUV	187.4170, 18.0354, 48.7463
Hunter-Lab	68.4785, 40.8448, -18.1275

Details

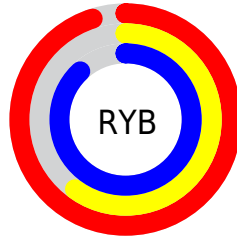
The Yxy color $46.8930, 0.3335, 0.2537$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $73.7236, 0.2973, 0.4186$, and the grayscale version is $49.8259, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.5918, 0.3149, 0.2831$, and $22.1025, 0.3370, 0.2355$ is the 20% darker color. If you saturate the color by 10%, you get $39.5264, 0.3408, 0.2346$, and if you desaturate by 10%, it is $55.8879, 0.3269, 0.2739$.

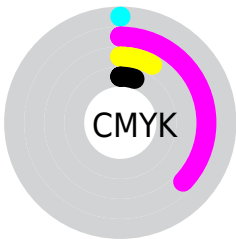
Distribution



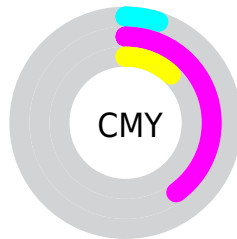
- Red (95%)
- Green (60%)
- Blue (88%)



- Red (95%)
- Yellow (60%)
- Blue (88%)



- Cyan (0%)
- Magenta (37%)
- Yellow (8%)
- Black (5%)




- Cyan (5%)
- Magenta (40%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.8930, 0.3335, 0.2537 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 46.8930, 0.3335, 0.2537 by changing the saturation by 10% instead.


 46.8930, 0.3335,
0.2537


 46.8930, 0.3335,
0.2537


374.3873, 0.3242,
0.2888

 32.9511, 0.3355,
0.2457


 85.5539, 0.3304,
0.2659

 22.0890, 0.3379,
0.2358


 111.0416, 0.3291,
0.2706

 13.9223, 0.3409,
0.2233


141.1468, 0.3280,
0.2747

 8.0666, 0.3445,
0.2070

176.2537, 0.3271,
0.2782

 4.1376, 0.3491,
0.1852

216.7468, 0.3263,
0.2814

 1.7508, 0.3547,
0.1546

263.0105, 0.3255,

 0.4563, 0.3656,

0.2841

0.0974

315.4292, 0.3248,
0.2866

0.0000, 0.3537,
0.0000

0.0000, 0.0000,
0.0000

46.8930, 0.3335,
0.2537

46.8930, 0.3335,
0.2537

39.5264, 0.3408,
0.2346

55.8879, 0.3269,
0.2739

33.6824, 0.3486,
0.2176

66.5957, 0.3211,
0.2944

29.2526, 0.3569,
0.2037

79.1028, 0.3160,
0.3145

26.1119, 0.3653,
0.1939

93.4879, 0.3117,
0.3338

■ 24.1128, 0.3735,
0.1888

■ 97.4398, 0.3085,
0.3345

■ 23.0616, 0.3813,
0.1883

■ 97.7620, 0.3057,
0.3295

■ 22.8691, 0.3833,
0.1885

■ 97.7959, 0.3054,
0.3290

Harmonies

Analogous

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



46.8930, 0.2661, 0.2284



46.8930, 0.3335, 0.2537



46.8930, 0.4017, 0.2948

Triad

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



46.8930, 0.3335, 0.2537



46.8930, 0.4088, 0.4398



46.8930, 0.1966, 0.2902

Complementary

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



46.8930, 0.3335, 0.2537



73.7236, 0.2973, 0.4186

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.



46.8930, 0.2269, 0.3595



46.8930, 0.3335, 0.2537



46.8930, 0.3484, 0.4560

Square

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



46.8930, 0.3335, 0.2537



46.8930, 0.4457, 0.3967



46.8930, 0.2817, 0.4264



46.8930, 0.1938, 0.2434

Rectangle

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



46.8930, 0.3335, 0.2537



46.8930, 0.4345, 0.3277



46.8930, 0.2817, 0.4264



46.8930, 0.2036, 0.3115

Sweetspot

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



46.8951, 0.3335, 0.2537



83.0186, 0.3178, 0.3074



37.4998, 0.2571, 0.2190



17.3591, 0.3184, 0.3047



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.



46.8951, 0.3335, 0.2537



45.8584, 0.3390, 0.2389



44.7821, 0.3767, 0.2993



16.7054, 0.3170, 0.3105



12.5709, 0.3822, 0.1879



1.1194, 0.3730, 0.1828

Inverse Universe

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



46.8951, 0.3335, 0.2537



45.8584, 0.3390, 0.2389



75.7243, 0.2739, 0.3615



16.7054, 0.3170, 0.3105



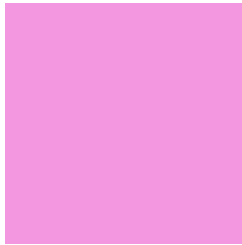
12.5709, 0.3822, 0.1879



1.1194, 0.3730, 0.1828

Previews

White Background



This preview shows how the Yxy color 46.8930, 0.3335, 0.2537 looks on a white background.

Color Contrast Check

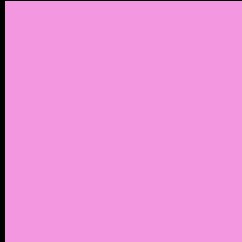
Large Text (above 18pt) WCAG AA × Fail

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 46.8930, 0.3335, 0.2537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

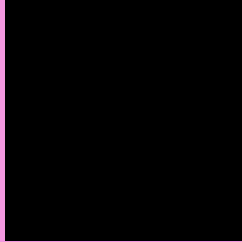
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.8930, 0.3335, 0.2537

Background



This preview shows how black text looks on a background with the Yxy color 46.8930, 0.3335, 0.2537.



This preview shows how white text looks on a background with the Yxy color 46.8930, 0.3335, 0.2537.

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

46.8930, 0.3335, 0.2537

Protanopia

47.1735, 0.2569, 0.2516

Deuteranopia

47.2998, 0.2850, 0.2797



Tritanopia

46.9012, 0.3735, 0.3157

Trichromacy



Original Color

46.8930, 0.3335, 0.2537



Protanomaly

46.2013, 0.2805, 0.2509



Deuteranomaly

46.4338, 0.3011, 0.2681



Tritanomaly

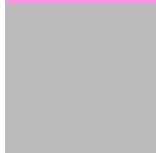
46.6102, 0.3588, 0.2917

Monochromacy



Original Color

46.8930, 0.3335, 0.2537



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

47.7076, 0.3203, 0.2979

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8930, 0.3335, 0.2537 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(243, 152, 224)` looks like.

```
.text, #text, p{  
    color:rgb(243, 152, 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(243, 152, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 152, 224) }
```

Border

The CSS property to change the border of an element to Yxy 46.8930, 0.3335, 0.2537 is called "border". The border property can be set on classes, ids or directly on the HTML element.

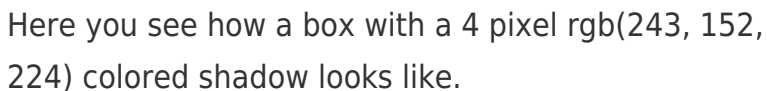
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(243, 152, 224) }
```

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

```
.border{ border-color:rgb(243, 152, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(243, 152, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 152, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 152, 224);  
box-shadow:4px 4px 4px 4px rgb(243, 152,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8930, 0.3335, 0.2537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 152, 224) }
```

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

```
.background{ background-color: rgb(243,  
152, 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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