

Converting Colors

$Y_{xy}(48.1320, 0.3294, 0.2372)$

Have a look what the booklet for
Yxy(48.1320, 0.3294, 0.2372)
contains.

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Color

Yxy(48.2295, 0.3294, 0.2370)

Conversions

Conversions Part 1

Format	Color
Hex	FE93F0
RGB	254, 147, 240
RGB Percent	100%, 58%, 94%
CMY	0.0040, 0.4235, 0.0587
CMYK	0.00, 0.42, 0.05, 0.00
HSL	308°, 98%, 79%
HSV	308°, 42%, 100%
XYZ	67.0329, 48.2295, 88.2376
YIQ	189.5950, 33.9190, 51.6070

Conversions

Conversions Part 2

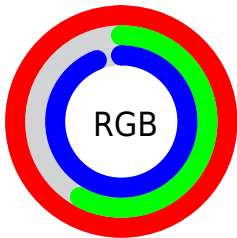
Format	Color
R _Y B	254, 147, 240
Decimal	16684016
CIE Lab	74.97, 52.95, -29.62
CIE LCh	75, 60.673, 330.778
Yxy	48.2295, 0.3294, 0.2370
Android (android.graphics.Color)	4294874096 (0xFFFE93F0)
YUV	189.5950, 24.8497, 56.4832
Hunter-Lab	69.4475, 50.7608, -26.7186

Details

The Yxy color **48.2295, 0.3294, 0.2370** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **79.6475, 0.2998, 0.4430**, and the grayscale version is **51.0900, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1919, 0.3151, 0.2782**, and **22.8915, 0.3312, 0.2162** is the 20% darker color. If you saturate the color by 10%, you get **40.9898, 0.3343, 0.2174**, and if you desaturate by 10%, it is **57.2207, 0.3248, 0.2584**.

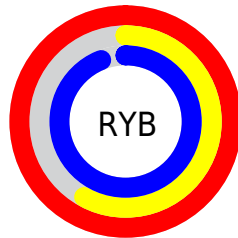
Distribution



Red (100%)

Green (58%)

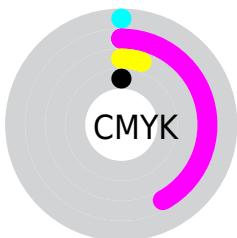
Blue (94%)



Red (100%)

Yellow (58%)

Blue (94%)

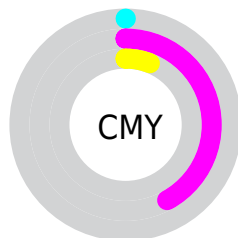


Cyan (0%)

Magenta (42%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.2295, 0.3294, 0.2370 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 48.2295, 0.3294, 0.2370 by changing the saturation by 10% instead.


 48.2295, 0.3294,
0.2370


 48.2295, 0.3294,
0.2370


379.7011, 0.3227,
0.2788

 34.0087, 0.3307,
0.2277


 87.5460, 0.3273,
0.2513

 22.9003, 0.3321,
0.2164


 113.4105, 0.3264,
0.2569

 14.5199, 0.3336,
0.2024


143.9249, 0.3256,
0.2618

 8.4831, 0.3352,
0.1845

179.4738, 0.3249,
0.2661

 4.4056, 0.3367,
0.1613

220.4415, 0.3243,
0.2698

 1.9029, 0.3371,
0.1302

267.2123, 0.3237,

 0.5501, 0.3361,

0.2731

0.0826

320.1707, 0.3232,
0.2761

0.0000, 0.3291,
0.0000

0.0000, 0.0000,
0.0000

48.2295, 0.3294,
0.2370

48.2295, 0.3294,
0.2370

40.9898, 0.3343,
0.2174

57.2207, 0.3248,
0.2584

35.3790, 0.3394,
0.2007

68.0622, 0.3205,
0.2806

31.2691, 0.3445,
0.1877

80.8533, 0.3167,
0.3028

28.5102, 0.3495,
0.1790

95.6843, 0.3134,
0.3245

■ 26.9214, 0.3541,
0.1749

99.8072, 0.3121,
0.3290

■ 26.2801, 0.3576,
0.1744

Harmonies

Analogous

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



48.2295, 0.2504, 0.2097



48.2295, 0.3294, 0.2370



48.2295, 0.4140, 0.2829

Triad

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



48.2295, 0.3294, 0.2370



48.2295, 0.4302, 0.4555



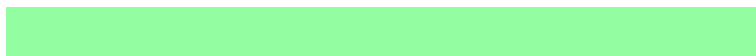
48.2295, 0.1775, 0.2864

Complementary

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



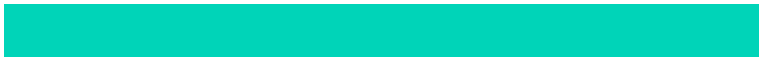
48.2295, 0.3294, 0.2370



79.6475, 0.2998, 0.4430

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.



48.2295, 0.2142, 0.3731



48.2295, 0.3294, 0.2370



48.2295, 0.3592, 0.4840

Square

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



48.2295, 0.3294, 0.2370



48.2295, 0.4732, 0.4002



48.2295, 0.2801, 0.4553



48.2295, 0.1724, 0.2295

Rectangle

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



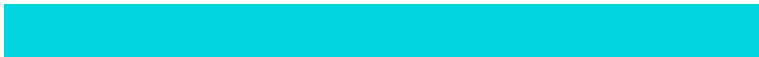
48.2295, 0.3294, 0.2370



48.2295, 0.4562, 0.3200



48.2295, 0.2801, 0.4553



48.2295, 0.1861, 0.3129

Sweetspot

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



48.2317, 0.3294, 0.2370



80.3676, 0.3170, 0.3009



35.4473, 0.2420, 0.2008



16.5633, 0.3179, 0.2960



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.



48.2317, 0.3294, 0.2370



42.0900, 0.3338, 0.2195



45.5702, 0.3794, 0.2863



18.2572, 0.3158, 0.3086



13.8733, 0.3569, 0.1740



1.3617, 0.3522, 0.1714

Inverse Universe

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



48.2317, 0.3294, 0.2370



42.0900, 0.3338, 0.2195



81.8785, 0.2741, 0.3774



18.2572, 0.3158, 0.3086



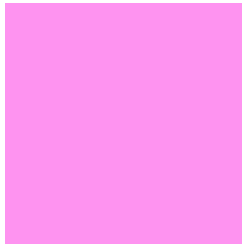
13.8733, 0.3569, 0.1740



1.3617, 0.3522, 0.1714

Previews

White Background



This preview shows how the Yxy color 48.2295, 0.3294, 0.2370 looks on a white background.

Color Contrast Check

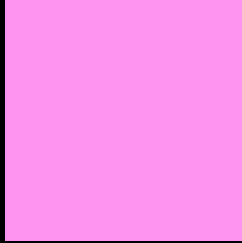
Large Text (above 18pt) WCAG AA × Fail

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 48.2295, 0.3294, 0.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

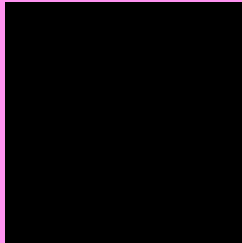
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2295, 0.3294, 0.2370

Background



This preview shows how black text looks on a background with the Yxy color 48.2295, 0.3294, 0.2370.

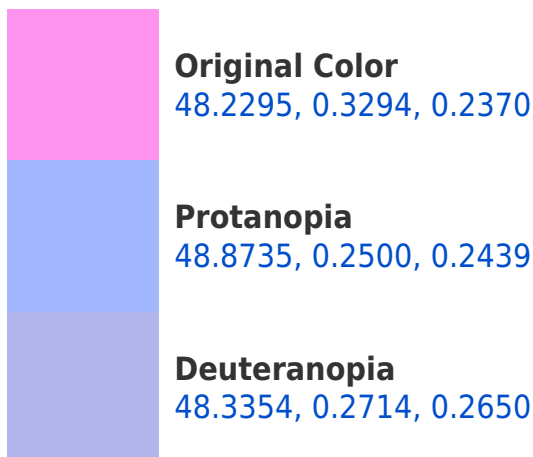


This preview shows how white text looks on a background with the Yxy color 48.2295, 0.3294, 0.2370.

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

48.0997, 0.3832, 0.3162

Trichromacy



Original Color

48.2295, 0.3294, 0.2370



Protanomaly

47.3873, 0.2740, 0.2387



Deuteranomaly

47.4112, 0.2906, 0.2528



Tritanomaly

47.9479, 0.3636, 0.2857

Monochromacy



Original Color

48.2295, 0.3294, 0.2370



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

48.9723, 0.3189, 0.2894

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2295, 0.3294, 0.2370 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(254, 147, 240)` looks like.

```
.text, #text, p{  
    color:rgb(254, 147, 240)  
}
```

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(254, 147, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 147, 240) }
```

Border

The CSS property to change the border of an element to Yxy 48.2295, 0.3294, 0.2370 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(254, 147, 240) }
```

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

```
.border{ border-color:rgb(254, 147, 240) }
```

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

Here you see how a box with a 4 pixel rgb(254, 147, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 147, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 147, 240);  
box-shadow:4px 4px 4px 4px rgb(254, 147,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2295, 0.3294, 0.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 147, 240) }
```

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

```
.background{ background-color: rgb(254,  
147, 240) }
```

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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