

Converting Colors

$Y_{xy}(48.3290, 0.3331, 0.2491)$

Have a look what the booklet for
Yxy(48.3290, 0.3331, 0.2491)
contains.

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Color

Yxy(48.3094, 0.3334, 0.2494)

Conversions

Conversions Part 1

Format	Color
Hex	F998E6
RGB	249, 152, 230
RGB Percent	98%, 60%, 90%
CMY	0.0236, 0.4039, 0.0979
CMYK	0.00, 0.39, 0.08, 0.02
HSL	312°, 89%, 79%
HSV	312°, 39%, 98%
XYZ	64.5804, 48.3094, 80.8127
YIQ	189.8950, 32.7740, 44.8220

Conversions

Conversions Part 2

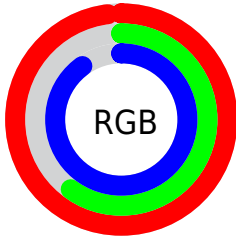
Format	Color
R _Y B	249, 152, 230
Decimal	16357606
CIE Lab	75.02, 47.24, -24.15
CIE LCh	75, 53.055, 332.924
Yxy	48.3094, 0.3334, 0.2494
Android (android.graphics.Color)	4294547686 (0xFFFF998E6)
YUV	189.8950, 19.7718, 51.8351
Hunter-Lab	69.5050, 44.2193, -20.2824

Details

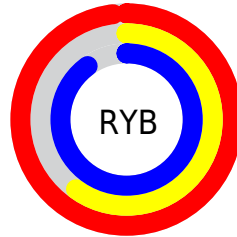
The Yxy color **48.3094, 0.3334, 0.2494** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **77.3616, 0.2974, 0.4248**, and the grayscale version is **51.3009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5918, 0.3149, 0.2831**, and **22.8677, 0.3381, 0.2309** is the 20% darker color. If you saturate the color by 10%, you get **40.7900, 0.3403, 0.2303**, and if you desaturate by 10%, it is **57.5372, 0.3271, 0.2698**.

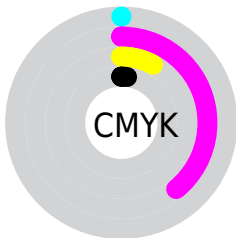
Distribution



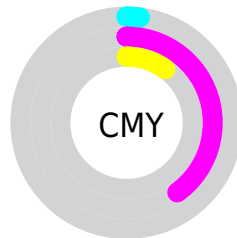
- Red (98%)
- Green (60%)
- Blue (90%)



- Red (98%)
- Yellow (60%)
- Blue (90%)



- Cyan (0%)
- Magenta (39%)
- Yellow (8%)
- Black (2%)




- Cyan (2%)
- Magenta (40%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3094, 0.3334, 0.2494 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 48.3094, 0.3334, 0.2494 by changing the saturation by 10% instead.


 48.3094, 0.3334,
0.2494


 48.3094, 0.3334,
0.2494


380.0172, 0.3244,
0.2861

 34.0720, 0.3353,
0.2411

 87.6649, 0.3304,
0.2621

 22.9489, 0.3376,
0.2309


 113.5517, 0.3292,
0.2670

 14.5558, 0.3403,
0.2181


144.0905, 0.3281,
0.2713

 8.5082, 0.3437,
0.2017

179.6656, 0.3272,
0.2750

 4.4218, 0.3477,
0.1798

220.6615, 0.3264,
0.2783

 1.9122, 0.3524,
0.1496

267.4624, 0.3256,

 0.5557, 0.3592,

0.2812

0.1002

320.4529, 0.3250,
0.2838

0.0000, 0.3653,
0.0000

0.0000, 0.0000,
0.0000

48.3094, 0.3334,
0.2494

48.3094, 0.3334,
0.2494

40.7900, 0.3403,
0.2303

57.5372, 0.3271,
0.2698

34.8653, 0.3478,
0.2135

68.5646, 0.3215,
0.2907

30.4182, 0.3555,
0.2000

81.4840, 0.3165,
0.3112

27.3129, 0.3632,
0.1907

96.3799, 0.3123,
0.3310

■ 25.3881, 0.3708,
0.1861

■ 98.8379, 0.3094,
0.3296

■ 24.4049, 0.3779,
0.1859

■ 98.8785, 0.3090,
0.3290

■ 24.3244, 0.3787,
0.1860

Harmonies

Analogous

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



48.3094, 0.2625, 0.2232



48.3094, 0.3334, 0.2494



48.3094, 0.4060, 0.2921

Triad

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



48.3094, 0.3334, 0.2494



48.3094, 0.4142, 0.4450



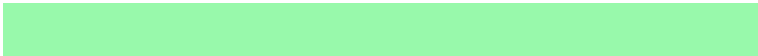
48.3094, 0.1909, 0.2883

Complementary

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



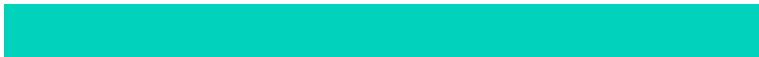
48.3094, 0.3334, 0.2494



77.3616, 0.2974, 0.4248

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.



48.3094, 0.2227, 0.3622



48.3094, 0.3334, 0.2494



48.3094, 0.3506, 0.4638

Square

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



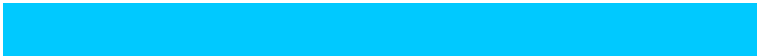
48.3094, 0.3334, 0.2494



48.3094, 0.4532, 0.3986



48.3094, 0.2804, 0.4336



48.3094, 0.1878, 0.2390

Rectangle

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



48.3094, 0.3334, 0.2494



48.3094, 0.4411, 0.3263



48.3094, 0.2804, 0.4336



48.3094, 0.1983, 0.3110

Sweetspot

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



48.3116, 0.3334, 0.2494



81.6274, 0.3180, 0.3050



37.8189, 0.2531, 0.2134



17.0825, 0.3186, 0.3023



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.



48.3116, 0.3334, 0.2494



44.4322, 0.3390, 0.2338



46.0033, 0.3788, 0.2963



17.4630, 0.3168, 0.3101



13.0418, 0.3776, 0.1854



1.2222, 0.3695, 0.1809

Inverse Universe

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



48.3116, 0.3334, 0.2494



44.4322, 0.3390, 0.2338



79.4996, 0.2733, 0.3651



17.4630, 0.3168, 0.3101



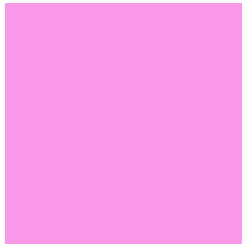
13.0418, 0.3776, 0.1854



1.2222, 0.3695, 0.1809

Previews

White Background



This preview shows how the Yxy color 48.3094, 0.3334, 0.2494 looks on a white background.

Color Contrast Check

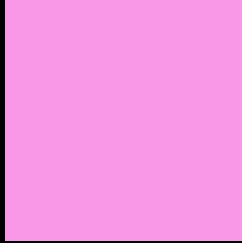
Large Text (above 18pt) WCAG AA × Fail

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 48.3094, 0.3334, 0.2494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

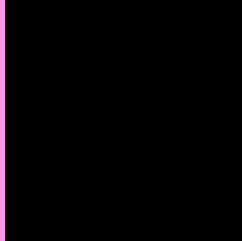
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.3094, 0.3334, 0.2494

Background



This preview shows how black text looks on a background with the Yxy color 48.3094, 0.3334, 0.2494.



This preview shows how white text looks on a background with the Yxy color 48.3094, 0.3334, 0.2494.

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

48.3094, 0.3334, 0.2494

Protanopia

48.8946, 0.2529, 0.2472

Deuteranopia

48.5513, 0.2818, 0.2756



Tritanopia

48.1668, 0.3769, 0.3160

Trichromacy



Original Color

48.3094, 0.3334, 0.2494



Protanomaly

47.7725, 0.2781, 0.2468



Deuteranomaly

47.5609, 0.2989, 0.2634



Tritanomaly

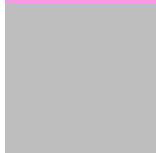
48.1489, 0.3613, 0.2904

Monochromacy



Original Color

48.3094, 0.3334, 0.2494



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

49.3073, 0.3195, 0.2949

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3094, 0.3334, 0.2494 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(249, 152, 230)` looks like.

```
.text, #text, p{  
    color:rgb(249, 152, 230)  
}
```

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(249, 152, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 152, 230) }
```

Border

The CSS property to change the border of an element to Yxy 48.3094, 0.3334, 0.2494 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(249, 152, 230) }
```

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

```
.border{ border-color:rgb(249, 152, 230) }
```

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

Here you see how a box with a 4 pixel rgb(249, 152, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 152, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 152, 230);  
box-shadow:4px 4px 4px 4px rgb(249, 152,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3094, 0.3334, 0.2494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 152, 230) }
```

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

```
.background{ background-color: rgb(249,  
152, 230) }
```

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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