

Converting Colors

$Y_{xy}(44.8830, 0.3335, 0.2509)$

Have a look what the booklet for
Yxy(44.8830, 0.3335, 0.2509)
contains.

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Color

Yxy(44.9790, 0.3330, 0.2508)

Conversions

Conversions Part 1

Format	Color
Hex	F094DE
RGB	240, 148, 222
RGB Percent	94%, 58%, 87%
CMY	0.0586, 0.4197, 0.1294
CMYK	0.00, 0.38, 0.08, 0.06
HSL	312°, 75%, 76%
HSV	312°, 38%, 94%
XYZ	59.7209, 44.9790, 74.6422
YIQ	183.9440, 31.0780, 42.5180

Conversions

Conversions Part 2

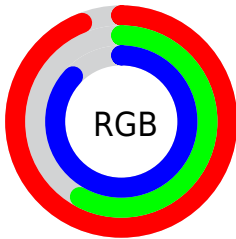
Format	Color
R _Y B	240, 148, 222
Decimal	15766750
CIE Lab	72.88, 45.16, -23.11
CIE LCh	73, 50.727, 332.898
Yxy	44.9790, 0.3330, 0.2508
Android (android.graphics.Color)	4293956830 (0xFFFF094DE)
YUV	183.9440, 18.7616, 49.1611
Hunter-Lab	67.0664, 41.5836, -19.0409

Details

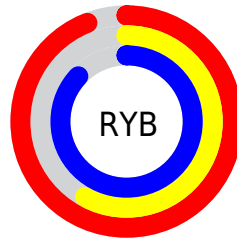
The Yxy color $44.9790, 0.3330, 0.2508$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $71.3946, 0.2977, 0.4228$, and the grayscale version is $47.7826, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.6657, 0.3151, 0.2792$, and $20.9195, 0.3363, 0.2317$ is the 20% darker color. If you saturate the color by 10%, you get $37.9678, 0.3399, 0.2316$, and if you desaturate by 10%, it is $53.5625, 0.3267, 0.2712$.

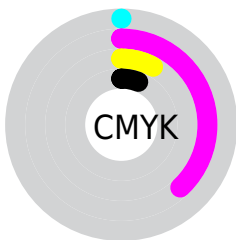
Distribution



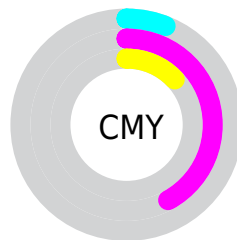
- Red (94%)
- Green (58%)
- Blue (87%)



- Red (94%)
- Yellow (58%)
- Blue (87%)



- Cyan (0%)
- Magenta (38%)
- Yellow (8%)
- Black (6%)





- Cyan (6%)
- Magenta (42%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9790, 0.3330, 0.2508 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 44.9790, 0.3330, 0.2508 by changing the saturation by 10% instead.


 44.9790, 0.3330,
0.2508

 44.9790, 0.3330,
0.2508


366.6885, 0.3240,
0.2874

 31.4409, 0.3349,
0.2424


 82.6889, 0.3300,
0.2635

 20.9348, 0.3373,
0.2320


 107.6295, 0.3288,
0.2685

 13.0764, 0.3401,
0.2189


137.1397, 0.3277,
0.2727

 7.4811, 0.3435,
0.2018

171.6038, 0.3268,
0.2764

 3.7648, 0.3477,
0.1788

211.4064, 0.3260,
0.2797

 1.5429, 0.3526,
0.1466

256.9318, 0.3252,

 0.3186, 0.3662,

0.2825

0.0758

308.5644, 0.3246,
0.2851

0.0000, 0.3179,
0.0000

0.0000, 0.0000,
0.0000

44.9790, 0.3330,
0.2508

44.9790, 0.3330,
0.2508

37.9678, 0.3399,
0.2316

53.5625, 0.3267,
0.2712

32.4256, 0.3473,
0.2146

63.8013, 0.3212,
0.2920

28.2461, 0.3550,
0.2009

75.7795, 0.3163,
0.3125

25.3064, 0.3628,
0.1913

89.5740, 0.3121,
0.3322

■ 23.4610, 0.3703,
0.1864

■ 96.6777, 0.3089,
0.3383

■ 22.5039, 0.3776,
0.1859

■ 96.9695, 0.3062,
0.3337

■ 22.3833, 0.3788,
0.1860

■ 97.2687, 0.3036,
0.3290

■ 97.2730, 0.3036,
0.3290

Harmonies

Analogous

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



44.9790, 0.2635, 0.2251



44.9790, 0.3330, 0.2508



44.9790, 0.4040, 0.2929

Triad

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



44.9790, 0.3330, 0.2508



44.9790, 0.4125, 0.4429



44.9790, 0.1931, 0.2894

Complementary

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



44.9790, 0.3330, 0.2508



71.3946, 0.2977, 0.4228

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.



44.9790, 0.2246, 0.3616



44.9790, 0.3330, 0.2508



44.9790, 0.3502, 0.4609

Square

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



44.9790, 0.3330, 0.2508



44.9790, 0.4505, 0.3976



44.9790, 0.2813, 0.4312



44.9790, 0.1900, 0.2409

Rectangle

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



44.9790, 0.3330, 0.2508



44.9790, 0.4384, 0.3265



44.9790, 0.2813, 0.4312



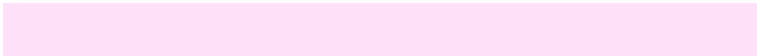
44.9790, 0.2005, 0.3116

Sweetspot

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



44.9810, 0.3330, 0.2508



81.6263, 0.3180, 0.3050



35.4522, 0.2544, 0.2157



17.0823, 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.



44.9810, 0.3330, 0.2508



45.1778, 0.3383, 0.2357



42.8867, 0.3772, 0.2969



15.9752, 0.3168, 0.3102



12.2671, 0.3777, 0.1854



1.0339, 0.3688, 0.1805

Inverse Universe

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



44.9810, 0.3330, 0.2508



45.1778, 0.3383, 0.2357



73.3382, 0.2739, 0.3644



15.9752, 0.3168, 0.3102



12.2671, 0.3777, 0.1854



1.0339, 0.3688, 0.1805

Previews

White Background



This preview shows how the Yxy color 44.9790, 0.3330, 0.2508 looks on a white background.

Color Contrast Check

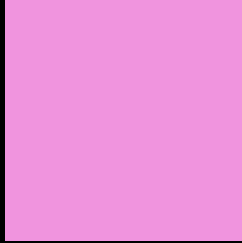
Large Text (above 18pt) WCAG AA × Fail

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 44.9790, 0.3330, 0.2508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

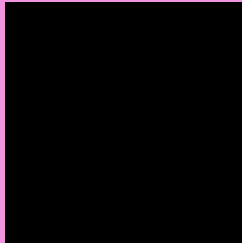
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9790, 0.3330, 0.2508

Background



This preview shows how black text looks on a background with the Yxy color 44.9790, 0.3330, 0.2508.

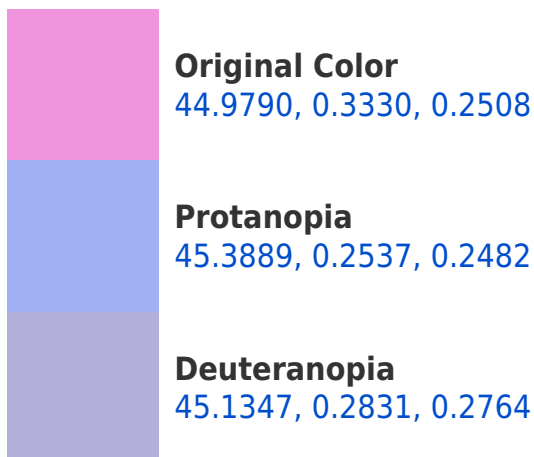


This preview shows how white text looks on a background with the Yxy color 44.9790, 0.3330, 0.2508.

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

44.8484, 0.3758, 0.3155

Trichromacy



Original Color

44.9790, 0.3330, 0.2508



Protanomaly

44.0894, 0.2784, 0.2474



Deuteranomaly

44.4422, 0.3001, 0.2650



Tritanomaly

44.6182, 0.3598, 0.2901

Monochromacy



Original Color

44.9790, 0.3330, 0.2508



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

46.0404, 0.3196, 0.2963

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9790, 0.3330, 0.2508 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(240, 148, 222)` looks like.

```
.text, #text, p{  
    color:rgb(240, 148, 222)  
}
```

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(240, 148, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 148, 222) }
```

Border

The CSS property to change the border of an element to Yxy 44.9790, 0.3330, 0.2508 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(240, 148, 222) }
```

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

```
.border{ border-color:rgb(240, 148, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 148, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 148, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 148, 222);  
box-shadow:4px 4px 4px 4px rgb(240, 148,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9790, 0.3330, 0.2508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 148, 222) }
```

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

```
.background{ background-color: rgb(240,  
148, 222) }
```

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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