

Converting Colors

$Y_{xy}(44.8745, 0.3356, 0.2492)$

Have a look what the booklet for
Yxy(44.8745, 0.3356, 0.2492)
contains.

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Color

Yxy(44.8864, 0.3359, 0.2495)

Conversions

Conversions Part 1

Format	Color
Hex	F392DE
RGB	243, 146, 222
RGB Percent	95%, 57%, 87%
CMY	0.0470, 0.4275, 0.1294
CMYK	0.00, 0.40, 0.09, 0.05
HSL	313°, 80%, 76%
HSV	313°, 40%, 95%
XYZ	60.4302, 44.8864, 74.5888
YIQ	183.6670, 33.4160, 44.2000

Conversions

Conversions Part 2

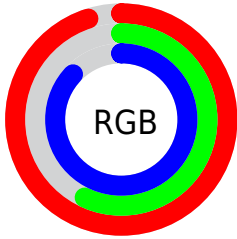
Format	Color
R _Y B	243, 146, 222
Decimal	15962846
CIE Lab	72.82, 47.11, -23.17
CIE LCh	73, 52.500, 333.807
Yxy	44.8864, 0.3359, 0.2495
Android (android.graphics.Color)	4294152926 (0xFFFF392DE)
YUV	183.6670, 18.8982, 52.0350
Hunter-Lab	66.9973, 43.7581, -19.1100

Details

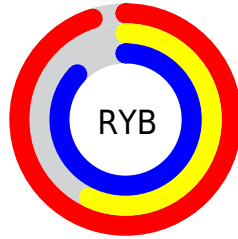
The Yxy color **44.8864, 0.3359, 0.2495** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **73.0121, 0.2961, 0.4248**, and the grayscale version is **47.6208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7211, 0.3151, 0.2772**, and **20.9330, 0.3403, 0.2305** is the 20% darker color. If you saturate the color by 10%, you get **37.8982, 0.3436, 0.2310**, and if you desaturate by 10%, it is **53.4798, 0.3289, 0.2694**.

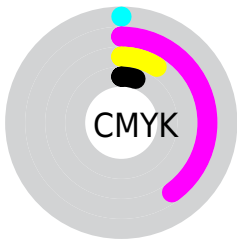
Distribution



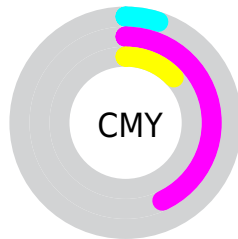
- Red (95%)
- Green (57%)
- Blue (87%)



- Red (95%)
- Yellow (57%)
- Blue (87%)



- Cyan (0%)
- Magenta (40%)
- Yellow (9%)
- Black (5%)





- Cyan (5%)
- Magenta (43%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8864, 0.3359, 0.2495 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 44.8864, 0.3359, 0.2495 by changing the saturation by 10% instead.


 44.8864, 0.3359,
0.2495


 44.8864, 0.3359,
0.2495


366.3133, 0.3255,
0.2866

 31.3680, 0.3382,
0.2410


 82.5499, 0.3324,
0.2624

 20.8792, 0.3409,
0.2305


 107.4638, 0.3310,
0.2674

 13.0357, 0.3443,
0.2172


136.9449, 0.3298,
0.2717

 7.4532, 0.3484,
0.2000

171.3777, 0.3287,
0.2755

 3.7471, 0.3536,
0.1768

211.1465, 0.3278,
0.2788

 1.5331, 0.3600,
0.1444

256.6358, 0.3269,

 0.3119, 0.3766,

0.2817

0.0733

308.2299, 0.3262,
0.2843

0.0000, 0.3432,
0.0000

0.0000, 0.0000,
0.0000

44.8864, 0.3359,
0.2495

44.8864, 0.3359,
0.2495

37.8982, 0.3436,
0.2310

53.4798, 0.3289,
0.2694

32.4070, 0.3519,
0.2148

63.7651, 0.3227,
0.2897

28.3014, 0.3605,
0.2019

75.8301, 0.3173,
0.3098

25.4515, 0.3692,
0.1934

89.7549, 0.3127,
0.3291

■ 23.7026, 0.3777,
0.1895

■ 97.3748, 0.3091,
0.3355

■ 22.7981, 0.3858,
0.1899

■ 97.7067, 0.3062,
0.3304

■ 22.7922, 0.3859,
0.1899

■ 97.7976, 0.3054,
0.3290

Harmonies

Analogous

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



44.8864, 0.2637, 0.2225



44.8864, 0.3359, 0.2495



44.8864, 0.4092, 0.2930

Triad

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



44.8864, 0.3359, 0.2495



44.8864, 0.4138, 0.4475



44.8864, 0.1889, 0.2858

Complementary

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



44.8864, 0.3359, 0.2495



73.0121, 0.2961, 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.



44.8864, 0.2202, 0.3602



44.8864, 0.3359, 0.2495



44.8864, 0.3488, 0.4657

Square

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



44.8864, 0.3359, 0.2495



44.8864, 0.4544, 0.4008



44.8864, 0.2779, 0.4335



44.8864, 0.1866, 0.2368

Rectangle

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



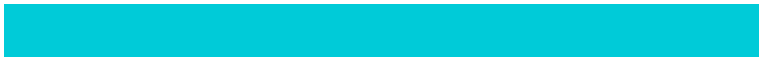
44.8864, 0.3359, 0.2495



44.8864, 0.4440, 0.3277



44.8864, 0.2779, 0.4335



44.8864, 0.1961, 0.3084

Sweetspot

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



44.8885, 0.3359, 0.2495



81.5871, 0.3184, 0.3056



35.0710, 0.2526, 0.2106



17.0730, 0.3191, 0.3030



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.



44.8885, 0.3359, 0.2495



43.5545, 0.3422, 0.2342



42.7135, 0.3828, 0.2973



16.7032, 0.3171, 0.3106



12.5281, 0.3847, 0.1893



1.1160, 0.3751, 0.1840

Inverse Universe

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



44.8885, 0.3359, 0.2495



43.5545, 0.3422, 0.2342



75.0723, 0.2717, 0.3641



16.7032, 0.3171, 0.3106



12.5281, 0.3847, 0.1893



1.1160, 0.3751, 0.1840

Previews

White Background



This preview shows how the Yxy color 44.8864, 0.3359, 0.2495 looks on a white background.

Color Contrast Check

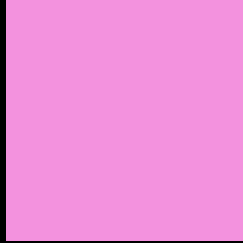
Large Text (above 18pt) WCAG AA × Fail

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 44.8864, 0.3359, 0.2495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

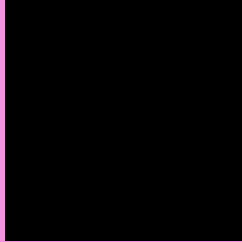
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8864, 0.3359, 0.2495

Background



This preview shows how black text looks on a background with the Yxy color 44.8864, 0.3359, 0.2495.



This preview shows how white text looks on a background with the Yxy color 44.8864, 0.3359, 0.2495.

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

44.8864, 0.3359, 0.2495

Protanopia

45.3469, 0.2525, 0.2470

Deuteranopia

45.1347, 0.2831, 0.2764



Tritanopia

44.9830, 0.3800, 0.3157

Trichromacy



Original Color

44.8864, 0.3359, 0.2495



Protanomaly

44.2757, 0.2785, 0.2466



Deuteranomaly

44.2219, 0.3009, 0.2640



Tritanomaly

44.7640, 0.3638, 0.2905

Monochromacy



Original Color

44.8864, 0.3359, 0.2495



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

45.8058, 0.3205, 0.2951

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8864, 0.3359, 0.2495 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, 146, 222)` looks like.

```
.text, #text, p{  
    color:rgb(243, 146, 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(243, 146, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 146, 222) }
```

Border

The CSS property to change the border of an element to Yxy 44.8864, 0.3359, 0.2495 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, 146, 222) }
```

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

```
.border{ border-color:rgb(243, 146, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 146, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 146, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 146, 222);  
box-shadow:4px 4px 4px 4px rgb(243, 146,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8864, 0.3359, 0.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 146, 222) }
```

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

```
.background{ background-color: rgb(243,  
146, 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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