

Converting Colors

$Yxy(39.3156, 0.3398, 0.2473)$

Have a look what the booklet for
Yxy(39.3156, 0.3398, 0.2473)
contains.

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Color

Yxy(39.4735, 0.3401, 0.2476)

Conversions

Conversions Part 1

Format	Color
Hex	EA87D2
RGB	234, 135, 210
RGB Percent	92%, 53%, 82%
CMY	0.0825, 0.4705, 0.1765
CMYK	0.00, 0.42, 0.10, 0.08
HSL	315°, 70%, 72%
HSV	315°, 42%, 92%
XYZ	54.2203, 39.4735, 65.7307
YIQ	173.1510, 34.9290, 44.3130

Conversions

Conversions Part 2

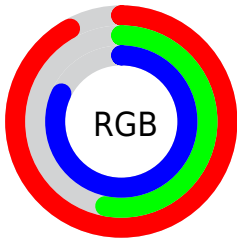
Format	Color
R _Y B	234, 135, 210
Decimal	15370194
CIE Lab	69.09, 47.90, -22.32
CIE LCh	69, 52.843, 335.016
Yxy	39.4735, 0.3401, 0.2476
Android (android.graphics.Color)	4293560274 (0xFFEA87D2)
YUV	173.1510, 18.1666, 53.3646
Hunter-Lab	62.8279, 44.0959, -18.0498

Details

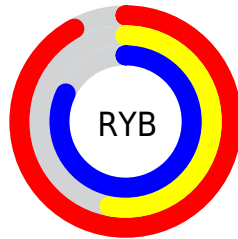
The Yxy color **39.4735, 0.3401, 0.2476** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.4844, 0.2939, 0.4279**, and the grayscale version is **41.7647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3069, 0.3157, 0.2653**, and **17.6313, 0.3464, 0.2276** is the 20% darker color. If you saturate the color by 10%, you get **33.3692, 0.3488, 0.2300**, and if you desaturate by 10%, it is **47.0260, 0.3322, 0.2667**.

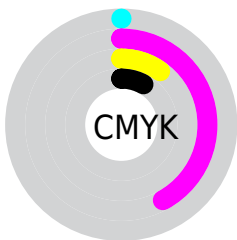
Distribution



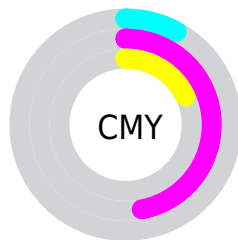
- Red (92%)
- Green (53%)
- Blue (82%)



- Red (92%)
- Yellow (53%)
- Blue (82%)



- Cyan (0%)
- Magenta (42%)
- Yellow (10%)
- Black (8%)




- Cyan (8%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4735, 0.3401, 0.2476 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 39.4735, 0.3401, 0.2476 by changing the saturation by 10% instead.


 39.4735, 0.3401,
0.2476


 39.4735, 0.3401,
0.2476


343.8994, 0.3274,
0.2864

 27.1283, 0.3430,
0.2385


 74.3611, 0.3357,
0.2612

 17.6696, 0.3465,
0.2272


 97.6723, 0.3340,
0.2665

 10.7130, 0.3509,
0.2128


 125.4076, 0.3325,
0.2710

 5.8742, 0.3566,
0.1937

157.9514, 0.3312,
0.2749

 2.7687, 0.3639,
0.1677

195.6880, 0.3301,
0.2783

 1.0122, 0.3733,
0.1308

239.0020, 0.3291,

 0.0000, 0.4161,

0.2813

0.0000

288.2777, 0.3282,
0.2840

■ 0.0000, 0.0808,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.4735, 0.3401,
0.2476

■ 39.4735, 0.3401,
0.2476

■ 33.3692, 0.3488,
0.2300

■ 47.0260, 0.3322,
0.2667

■ 28.6125, 0.3583,
0.2149


■ 56.1076, 0.3252,
0.2864

■ 25.0987, 0.3681,
0.2034

■ 66.7998, 0.3191,
0.3059


■ 22.7051, 0.3780,
0.1962


■ 79.1767, 0.3138,
0.3248

 21.2841, 0.3876,
0.1939

 93.3078, 0.3093,
0.3427

 20.6727, 0.3948,
0.1949

 95.5395, 0.3060,
0.3399

 95.8892, 0.3029,
0.3342

 96.2272, 0.2999,
0.3290

Harmonies

Analogous

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



39.4735, 0.2639, 0.2188



39.4735, 0.3401, 0.2476



39.4735, 0.4167, 0.2932

Triad

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



39.4735, 0.3401, 0.2476



39.4735, 0.4155, 0.4541



39.4735, 0.1829, 0.2805

Complementary

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



39.4735, 0.3401, 0.2476



66.4844, 0.2939, 0.4279

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.



39.4735, 0.2139, 0.3581



39.4735, 0.3401, 0.2476



39.4735, 0.3469, 0.4728

Square

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



39.4735, 0.3401, 0.2476



39.4735, 0.4599, 0.4053



39.4735, 0.2730, 0.4370



39.4735, 0.1819, 0.2310

Rectangle

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



39.4735, 0.3401, 0.2476



39.4735, 0.4523, 0.3293



39.4735, 0.2730, 0.4370



39.4735, 0.1898, 0.3039

Sweetspot

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



39.4753, 0.3401, 0.2476



80.1363, 0.3195, 0.3044



30.5544, 0.2510, 0.2038



16.5058, 0.3208, 0.3001



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.



39.4753, 0.3401, 0.2476



41.2687, 0.3479, 0.2317



37.4101, 0.3924, 0.2993



15.2477, 0.3175, 0.3113



11.6412, 0.3934, 0.1941



0.9290, 0.3812, 0.1874

Inverse Universe

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



39.4753, 0.3401, 0.2476



41.2687, 0.3479, 0.2317



68.5149, 0.2682, 0.3621



15.2477, 0.3175, 0.3113



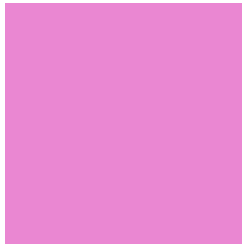
11.6412, 0.3934, 0.1941



0.9290, 0.3812, 0.1874

Previews

White Background



This preview shows how the Yxy color 39.4735, 0.3401, 0.2476 looks on a white background.

Color Contrast Check

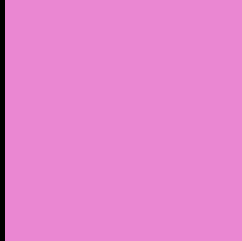
Large Text (above 18pt) WCAG AA × Fail

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 39.4735, 0.3401, 0.2476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

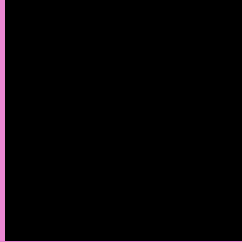
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4735, 0.3401, 0.2476

Background



This preview shows how black text looks on a background with the Yxy color 39.4735, 0.3401, 0.2476.



This preview shows how white text looks on a background with the Yxy color 39.4735, 0.3401, 0.2476.

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

39.4735, 0.3401, 0.2476

Protanopia

39.9102, 0.2503, 0.2441

Deuteranopia

39.6429, 0.2830, 0.2762



Tritanopia

39.4861, 0.3874, 0.3164

Trichromacy



Original Color

39.4735, 0.3401, 0.2476



Protanomaly

38.5822, 0.2774, 0.2425



Deuteranomaly

38.8227, 0.3020, 0.2631



Tritanomaly

39.3036, 0.3702, 0.2901

Monochromacy



Original Color

39.4735, 0.3401, 0.2476



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

39.9435, 0.3228, 0.2946

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4735, 0.3401, 0.2476 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(234, 135, 210)` looks like.

```
.text, #text, p{  
    color:rgb(234, 135, 210)  
}
```

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(234, 135, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 135, 210) }
```

Border

The CSS property to change the border of an element to Yxy 39.4735, 0.3401, 0.2476 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(234, 135, 210) }
```

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

```
.border{ border-color:rgb(234, 135, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 135, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 135, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 135, 210);  
box-shadow:4px 4px 4px 4px rgb(234, 135,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4735, 0.3401, 0.2476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 135, 210) }
```

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

```
.background{ background-color: rgb(234,  
135, 210) }
```

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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