

Converting Colors

$Y_{xy}(39.2279, 0.3394, 0.2440)$

Have a look what the booklet for
Yxy(39.2279, 0.3394, 0.2440)
contains.

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Color

Yxy(39.1907, 0.3393, 0.2439)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EB85D4 |
| RGB | 235, 133, 212 |
| RGB Percent | 92%, 52%, 83% |
| CMY | 0.0786, 0.4783, 0.1687 |
| CMYK | 0.00, 0.43, 0.10, 0.08 |
| HSL | 314°, 72%, 72% |
| HSV | 314°, 43%, 92% |
| XYZ | 54.5199, 39.1907, 66.9729 |
| YIQ | 172.5040, 35.4330, 46.1930 |

Conversions

Conversions Part 2

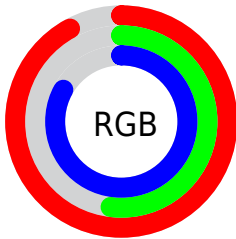
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 235, 133, 212 |
| Decimal | 15435220 |
| CIE Lab | 68.89, 49.54, -23.73 |
| CIE LCh | 69, 54.929, 334.406 |
| Yxy | 39.1907, 0.3393, 0.2439 |
| Android (android.graphics.Color) | 4293625300 (0xFFEB85D4) |
| YUV | 172.5040, 19.4715, 54.8090 |
| Hunter-Lab | 62.6025, 45.8996, -19.6074 |

Details

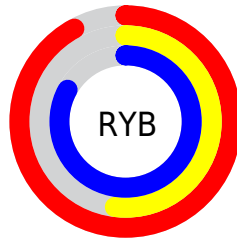
The Yxy color **39.1907, 0.3393, 0.2439** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **66.7804, 0.2944, 0.4333**, and the grayscale version is **41.4125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4464, 0.3158, 0.2634**, and **17.5188, 0.3452, 0.2233** is the 20% darker color. If you saturate the color by 10%, you get **33.1977, 0.3475, 0.2262**, and if you desaturate by 10%, it is **46.6349, 0.3318, 0.2632**.

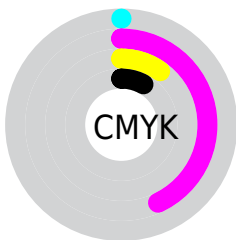
Distribution



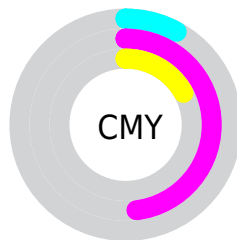
- Red (92%)
- Green (52%)
- Blue (83%)



- Red (92%)
- Yellow (52%)
- Blue (83%)



- Cyan (0%)
- Magenta (43%)
- Yellow (10%)
- Black (8%)





- Cyan (8%)
- Magenta (48%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1907, 0.3393, 0.2439 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 39.1907, 0.3393, 0.2439 by changing the saturation by 10% instead.


 39.1907, 0.3393,
0.2439


 39.1907, 0.3393,
0.2439


342.7006, 0.3271,
0.2843


 26.9081, 0.3420,
0.2345


 73.9296, 0.3351,
0.2581

 17.5042, 0.3453,
0.2228


 97.1546, 0.3335,
0.2636

 10.5946, 0.3494,
0.2078


 124.7959, 0.3320,
0.2683

 5.7950, 0.3545,
0.1882

157.2379, 0.3308,
0.2723

 2.7208, 0.3610,
0.1617

194.8650, 0.3297,
0.2759

 0.9878, 0.3689,
0.1243

238.0616, 0.3287,

 0.0000, 0.4053,

0.2790

0.0000

287.2119, 0.3279,
0.2818

0.0000, 0.1118,
0.0000

0.0000, 0.0000,
0.0000

39.1907, 0.3393,
0.2439

39.1907, 0.3393,
0.2439

33.1977, 0.3475,
0.2262

46.6349, 0.3318,
0.2632

28.5534, 0.3563,
0.2112


55.6130, 0.3251,
0.2833

25.1504, 0.3653,
0.1998


66.2080, 0.3193,
0.3032

22.8626, 0.3744,
0.1930


78.4952, 0.3142,
0.3226


 21.5371, 0.3832,
0.1909

 92.5454, 0.3099,
0.3411

 21.0326, 0.3888,
0.1916

 95.6911, 0.3068,
0.3402

 96.0169, 0.3038,
0.3349

 96.3520, 0.3009,
0.3296

 96.3944, 0.3005,
0.3290

Harmonies

Analogous

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



39.1907, 0.2604, 0.2146



39.1907, 0.3393, 0.2439



39.1907, 0.4197, 0.2906

Triad

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



39.1907, 0.3393, 0.2439



39.1907, 0.4202, 0.4577



39.1907, 0.1787, 0.2795

Complementary

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



39.1907, 0.3393, 0.2439



66.7804, 0.2944, 0.4333

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.



39.1907, 0.2110, 0.3610



39.1907, 0.3393, 0.2439



39.1907, 0.3491, 0.4792

Square

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



39.1907, 0.3393, 0.2439



39.1907, 0.4660, 0.4060



39.1907, 0.2725, 0.4435



39.1907, 0.1771, 0.2279

Rectangle

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



39.1907, 0.3393, 0.2439



39.1907, 0.4573, 0.3276



39.1907, 0.2725, 0.4435



39.1907, 0.1859, 0.3040

Sweetspot

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



39.1925, 0.3393, 0.2439



80.1712, 0.3191, 0.3039



29.7608, 0.2477, 0.1997



16.5144, 0.3203, 0.2995



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.



39.1925, 0.3393, 0.2439



40.7206, 0.3465, 0.2281



37.0450, 0.3935, 0.2966



15.2523, 0.3172, 0.3109



11.7309, 0.3875, 0.1908



0.9354, 0.3764, 0.1847

Inverse Universe

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



39.1925, 0.3393, 0.2439



40.7206, 0.3465, 0.2281



68.8401, 0.2681, 0.3653



15.2523, 0.3172, 0.3109



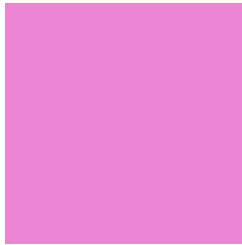
11.7309, 0.3875, 0.1908



0.9354, 0.3764, 0.1847

Previews

White Background



This preview shows how the Yxy color 39.1907, 0.3393, 0.2439 looks on a white background.

Color Contrast Check

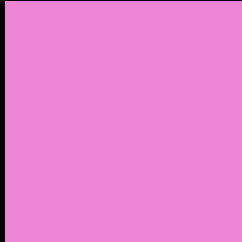
Large Text (above 18pt) WCAG AA × Fail

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 39.1907, 0.3393, 0.2439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

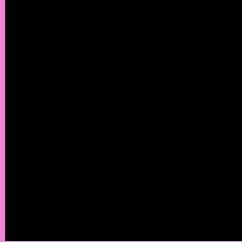
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1907, 0.3393, 0.2439

Background



This preview shows how black text looks on a background with the Yxy color 39.1907, 0.3393, 0.2439.



This preview shows how white text looks on a background with the Yxy color 39.1907, 0.3393, 0.2439.

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

39.1907, 0.3393, 0.2439

Protanopia

39.5899, 0.2465, 0.2383

Deuteranopia

39.4735, 0.2806, 0.2747



Tritanopia

39.1451, 0.3889, 0.3164

Trichromacy



Original Color

39.1907, 0.3393, 0.2439



Protanomaly

38.2963, 0.2744, 0.2380



Deuteranomaly

38.4129, 0.3002, 0.2605



Tritanomaly

39.1733, 0.3714, 0.2892

Monochromacy



Original Color

39.1907, 0.3393, 0.2439



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

39.7773, 0.3230, 0.2922

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1907, 0.3393, 0.2439 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(235, 133, 212)` looks like.

```
.text, #text, p{  
    color:rgb(235, 133, 212)  
}
```

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(235, 133, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 133, 212) }
```

Border

The CSS property to change the border of an element to Yxy 39.1907, 0.3393, 0.2439 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(235, 133, 212) }
```

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

```
.border{ border-color:rgb(235, 133, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 133, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 133, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 133, 212);  
box-shadow:4px 4px 4px 4px rgb(235, 133,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1907, 0.3393, 0.2439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 133, 212) }
```

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

```
.background{ background-color: rgb(235,  
133, 212) }
```

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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