

Converting Colors

$Y_{xy}(39.3867, 0.3378, 0.2369)$

Have a look what the booklet for
Yxy(39.3867, 0.3378, 0.2369)
contains.

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Color

Yxy(39.3779, 0.3376, 0.2364)

Conversions

Conversions Part 1

Format	Color
Hex	EF82DA
RGB	239, 130, 218
RGB Percent	94%, 51%, 85%
CMY	0.0627, 0.4902, 0.1451
CMYK	0.00, 0.46, 0.09, 0.06
HSL	312°, 77%, 72%
HSV	312°, 46%, 94%
XYZ	56.2351, 39.3779, 70.9602
YIQ	172.6230, 36.7160, 50.4760

Conversions

Conversions Part 2

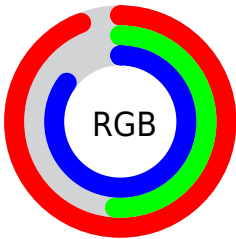
Format	Color
R _Y B	239, 130, 218
Decimal	15696602
CIE Lab	69.02, 53.27, -26.81
CIE LCh	69, 59.634, 333.287
Yxy	39.3779, 0.3376, 0.2364
Android (android.graphics.Color)	4293886682 (0xFFEF82DA)
YUV	172.6230, 22.3709, 58.2126
Hunter-Lab	62.7518, 50.1473, -23.1193

Details

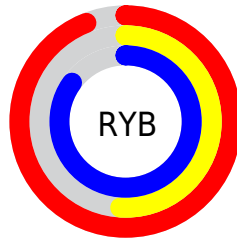
The Yxy color **39.3779, 0.3376, 0.2364** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **68.7193, 0.2955, 0.4447**, and the grayscale version is **41.4585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5978, 0.3159, 0.2614**, and **17.6370, 0.3426, 0.2139** is the 20% darker color. If you saturate the color by 10%, you get **33.5049, 0.3448, 0.2187**, and if you desaturate by 10%, it is **46.7377, 0.3310, 0.2561**.

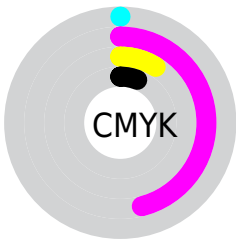
Distribution



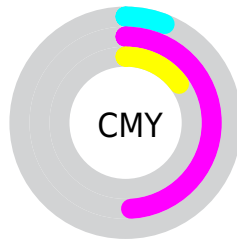
- Red (94%)
- Green (51%)
- Blue (85%)



- Red (94%)
- Yellow (51%)
- Blue (85%)



- Cyan (0%)
- Magenta (46%)
- Yellow (9%)
- Black (6%)




- Cyan (6%)
- Magenta (49%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3779, 0.3376, 0.2364 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 39.3779, 0.3376, 0.2364 by changing the saturation by 10% instead.


 39.3779, 0.3376,
0.2364


 39.3779, 0.3376,
0.2364


343.4945, 0.3265,
0.2800


 27.0538, 0.3400,
0.2264


 74.2153, 0.3339,
0.2516

 17.6137, 0.3428,
0.2140


 97.4974, 0.3324,
0.2575

 10.6730, 0.3461,
0.1983


 125.2009, 0.3311,
0.2626

 5.8474, 0.3502,
0.1780

157.7103, 0.3300,
0.2670

 2.7525, 0.3549,
0.1508

195.4100, 0.3290,
0.2708

 1.0039, 0.3597,
0.1135

238.6843, 0.3281,

 0.0000, 0.3855,

0.2742

0.0000

287.9177, 0.3273,
0.2772

0.0000, 0.2088,
0.0000

0.0000, 0.0000,
0.0000

39.3779, 0.3376,
0.2364

39.3779, 0.3376,
0.2364

33.5049, 0.3448,
0.2187

46.7377, 0.3310,
0.2561

29.0095, 0.3523,
0.2039


55.6728, 0.3250,
0.2767


25.7763, 0.3599,
0.1931


66.2709, 0.3197,
0.2976

23.6688, 0.3674,
0.1868


78.6118, 0.3150,
0.3179


 22.5181, 0.3746,
0.1851

 92.7703, 0.3110,
0.3374

 22.1992, 0.3777,
0.1854

 96.5041, 0.3082,
0.3382

 96.7901, 0.3056,
0.3336

 97.0831, 0.3030,
0.3291

 97.0923, 0.3029,
0.3290

Harmonies

Analogous

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



39.3779, 0.2534, 0.2062



39.3779, 0.3376, 0.2364



39.3779, 0.4257, 0.2851

Triad

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



39.3779, 0.3376, 0.2364



39.3779, 0.4294, 0.4646



39.3779, 0.1700, 0.2773

Complementary

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



39.3779, 0.3376, 0.2364



68.7193, 0.2955, 0.4447

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.



39.3779, 0.2049, 0.3669



39.3779, 0.3376, 0.2364



39.3779, 0.3535, 0.4924

Square

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



39.3779, 0.3376, 0.2364



39.3779, 0.4784, 0.4072



39.3779, 0.2712, 0.4572



39.3779, 0.1676, 0.2214

Rectangle

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



39.3779, 0.3376, 0.2364



39.3779, 0.4676, 0.3239



39.3779, 0.2712, 0.4572



39.3779, 0.1779, 0.3041

Sweetspot

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



39.3797, 0.3376, 0.2364



78.8643, 0.3189, 0.3008



28.6812, 0.2407, 0.1911



16.2607, 0.3200, 0.2963



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.



39.3797, 0.3376, 0.2364



39.0637, 0.3445, 0.2194



37.0174, 0.3957, 0.2910



15.9761, 0.3167, 0.3101



12.2855, 0.3766, 0.1848



1.0353, 0.3679, 0.1800

Inverse Universe

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



39.3797, 0.3376, 0.2364



39.0637, 0.3445, 0.2194



70.8675, 0.2681, 0.3723



15.9761, 0.3167, 0.3101



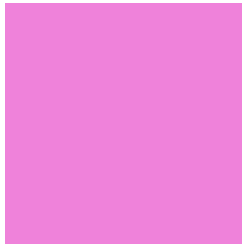
12.2855, 0.3766, 0.1848



1.0353, 0.3679, 0.1800

Previews

White Background



This preview shows how the Yxy color 39.3779, 0.3376, 0.2364 looks on a white background.

Color Contrast Check

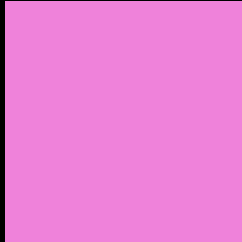
Large Text (above 18pt) WCAG AA × Fail

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 39.3779, 0.3376, 0.2364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

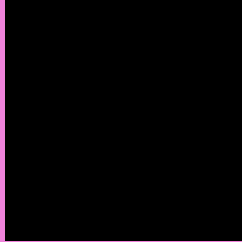
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3779, 0.3376, 0.2364

Background



This preview shows how black text looks on a background with the Yxy color 39.3779, 0.3376, 0.2364.



This preview shows how white text looks on a background with the Yxy color 39.3779, 0.3376, 0.2364.

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

39.3779, 0.3376, 0.2364

Protanopia

39.7659, 0.2390, 0.2285

Deuteranopia

39.8124, 0.2740, 0.2685



Tritanopia

39.4354, 0.3955, 0.3177

Trichromacy



Original Color

39.3779, 0.3376, 0.2364



Protanomaly

38.3036, 0.2679, 0.2286



Deuteranomaly

38.7139, 0.2953, 0.2539



Tritanomaly

39.3017, 0.3748, 0.2865

Monochromacy



Original Color

39.3779, 0.3376, 0.2364



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

39.6584, 0.3222, 0.2887

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3779, 0.3376, 0.2364 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(239, 130, 218)` looks like.

```
.text, #text, p{  
    color:rgb(239, 130, 218)  
}
```

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(239, 130, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 130, 218) }
```

Border

The CSS property to change the border of an element to Yxy 39.3779, 0.3376, 0.2364 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(239, 130, 218) }
```

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

```
.border{ border-color:rgb(239, 130, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 130, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 130, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 130, 218);  
box-shadow:4px 4px 4px 4px rgb(239, 130,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3779, 0.3376, 0.2364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 130, 218) }
```

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

```
.background{ background-color: rgb(239,  
130, 218) }
```

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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