

Converting Colors

Yxy(49.4813, 0.3166, 0.2463)

Have a look what the booklet for
Yxy(49.4813, 0.3166, 0.2463)
contains.

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Color

Yxy(49.3790, 0.3166, 0.2459)

Conversions

Conversions Part 1

Format	Color
Hex	EF9FEF
RGB	239, 159, 239
RGB Percent	94%, 62%, 94%
CMY	0.0627, 0.3765, 0.0627
CMYK	0.00, 0.33, 0.00, 0.06
HSL	300°, 71%, 78%
HSV	300°, 33%, 94%
XYZ	63.5762, 49.3790, 87.8541
YIQ	192.0400, 22.0000, 41.8400

Conversions

Conversions Part 2

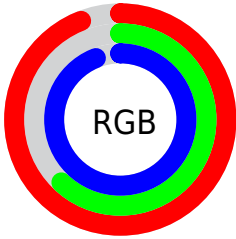
Format	Color
R_{YB}	239, 159, 239
Decimal	15704047
CIE _{Lab}	75.69, 42.08, -28.11
CIE _{LCh}	76, 50.603, 326.251
Yxy	49.3790, 0.3166, 0.2459
Android (android.graphics.Color)	4293894127 (0xFFEF9FEF)
YUV	192.0400, 23.1513, 41.1839
Hunter-Lab	70.2702, 38.5232, -24.9371

Details

The Yxy color **49.3790, 0.3166, 0.2459** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **71.6193, 0.3080, 0.4289**, and the grayscale version is **52.5912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0809, 0.3145, 0.2900**, and **23.6720, 0.3163, 0.2270** is the 20% darker color. If you saturate the color by 10%, you get **41.9392, 0.3177, 0.2226**, and if you desaturate by 10%, it is **58.4125, 0.3154, 0.2706**.

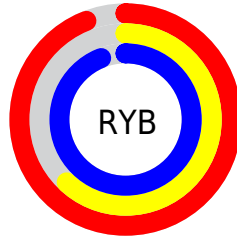
Distribution



Red (94%)

Green (62%)

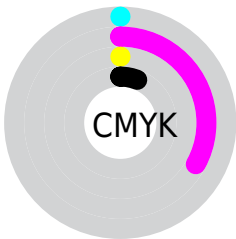
Blue (94%)



Red (94%)

Yellow (62%)

Blue (94%)

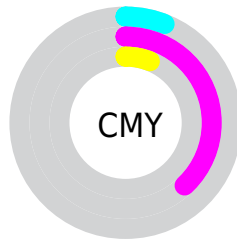


Cyan (0%)

Magenta (33%)

Yellow (0%)

Black (6%)



Cyan (6%)


Magenta (38%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3790, 0.3166, 0.2459 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 49.3790, 0.3166, 0.2459 by changing the saturation by 10% instead.


 49.3790, 0.3166,
0.2459


 49.3790, 0.3166,
0.2459


384.2325, 0.3158,
0.2840

 34.9202, 0.3165,
0.2373


 89.2541, 0.3165,
0.2590

 23.6014, 0.3163,
0.2269


 115.4392, 0.3165,
0.2641

 15.0382, 0.3157,
0.2138


146.3019, 0.3164,
0.2686

 8.8462, 0.3147,
0.1970

182.2265, 0.3162,
0.2724

 4.6410, 0.3125,
0.1749

223.5975, 0.3161,
0.2759

 2.0382, 0.3078,
0.1447

270.7992, 0.3160,

 0.6295, 0.2983,

0.2789

0.0992

324.2161, 0.3159,
0.2816

0.0000, 0.2726,
0.0000

0.0000, 0.0000,
0.0000

49.3790, 0.3166,
0.2459

49.3790, 0.3166,
0.2459

41.9392, 0.3177,
0.2226

58.4125, 0.3154,
0.2706

35.9945, 0.3187,
0.2016


69.1176, 0.3143,
0.2957


31.4459, 0.3195,
0.1840


81.5752, 0.3131,
0.3206


28.1793, 0.3201,
0.1703

95.8588, 0.3120,
0.3445


 26.0630, 0.3206,
0.1609


 96.1081, 0.3120,
0.3448


 24.9370, 0.3208,
0.1558

 96.1090, 0.3120,
0.3448

 24.5778, 0.3209,
0.1541

 96.1099, 0.3120,
0.3448

 96.1108, 0.3120,
0.3448

 96.1117, 0.3120,
0.3448

Harmonies

Analogous

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



49.3790, 0.2524, 0.2251



49.3790, 0.3166, 0.2459



49.3790, 0.3871, 0.2839

Triad

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



49.3790, 0.3166, 0.2459



49.3790, 0.4205, 0.4314



49.3790, 0.2010, 0.3050

Complementary

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



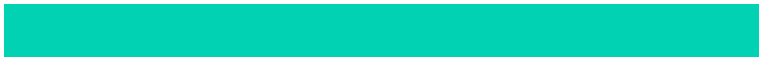
49.3790, 0.3166, 0.2459



71.6193, 0.3080, 0.4289

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.



49.3790, 0.2378, 0.3770



49.3790, 0.3166, 0.2459



49.3790, 0.3640, 0.4561

Square

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



49.3790, 0.3166, 0.2459



49.3790, 0.4495, 0.3849



49.3790, 0.2970, 0.4380



49.3790, 0.1918, 0.2518

Rectangle

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



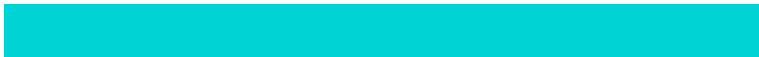
49.3790, 0.3166, 0.2459



49.3790, 0.4249, 0.3157



49.3790, 0.2970, 0.4380



49.3790, 0.2103, 0.3279

Sweetspot

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



49.3812, 0.3166, 0.2459



84.7947, 0.3139, 0.3044



38.8629, 0.2526, 0.2309



17.7282, 0.3140, 0.3008



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.



49.3812, 0.3166, 0.2459



51.2583, 0.3173, 0.2302



47.3374, 0.3507, 0.2839



16.0313, 0.3138, 0.3057



13.5801, 0.3209, 0.1541



1.1298, 0.3209, 0.1541

Inverse Universe

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



45.6551, 0.3913, 0.3292



46.3431, 0.4148, 0.3293



73.1765, 0.2867, 0.3793



15.7589, 0.3293, 0.3290



10.1411, 0.6401, 0.3300



0.8437, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 49.3790, 0.3166, 0.2459 looks on a white background.

Color Contrast Check

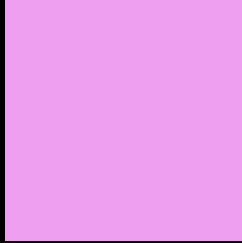
Large Text (above 18pt) WCAG AA × Fail

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 49.3790, 0.3166, 0.2459 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 49.3790, 0.3166, 0.2459

Background



This preview shows how black text looks on a background with the Yxy color 49.3790, 0.3166, 0.2459.



This preview shows how white text looks on a background with the Yxy color 49.3790, 0.3166, 0.2459.

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

49.3790, 0.3166, 0.2459

Protanopia

49.6080, 0.2520, 0.2456

Deuteranopia

49.5108, 0.2738, 0.2678



Tritanopia

49.3242, 0.3582, 0.3144

Trichromacy



Original Color

49.3790, 0.3166, 0.2459



Protanomaly

48.8370, 0.2729, 0.2449



Deuteranomaly

48.7457, 0.2876, 0.2579



Tritanomaly

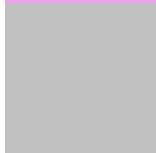
49.2464, 0.3435, 0.2883

Monochromacy



Original Color

49.3790, 0.3166, 0.2459



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

50.8013, 0.3143, 0.2950

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3790, 0.3166, 0.2459 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, 159, 239)` looks like.

```
.text, #text, p{  
    color:rgb(239, 159, 239)  
}
```

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, 159, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 159, 239) }
```

Border

The CSS property to change the border of an element to Yxy 49.3790, 0.3166, 0.2459 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, 159, 239) }
```

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

```
.border{ border-color:rgb(239, 159, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 159, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 159, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 159, 239);  
box-shadow:4px 4px 4px 4px rgb(239, 159,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3790, 0.3166, 0.2459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 159, 239) }
```

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

```
.background{ background-color: rgb(239,  
159, 239) }
```

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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