

Converting Colors

Yxy(39.9069, 0.2630, 0.2447)

Have a look what the booklet for
Yxy(39.9069, 0.2630, 0.2447)
contains.

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Color

Yxy(39.9069, 0.2630, 0.2447)

Conversions

Conversions Part 1

Format	Color
Hex	A5A3E6
RGB	165, 163, 230
RGB Percent	65%, 64%, 90%
CMY	0.3530, 0.3607, 0.0981
CMYK	0.28, 0.29, 0.00, 0.10
HSL	242°, 57%, 77%
HSV	242°, 29%, 90%
XYZ	42.8914, 39.9069, 80.2867
YIQ	171.2360, -20.3150, 21.2610

Conversions

Conversions Part 2

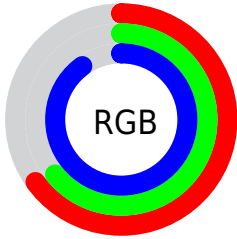
Format	Color
RYB	165, 163, 230
Decimal	10855398
CIELab	69.40, 15.40, -33.44
CIELCh	69, 36.813, 294.722
Yxy	39.9069, 0.2630, 0.2447
Android (android.graphics.Color)	4289045478 (0xFFA5A3E6)
YUV	171.2360, 28.9707, -5.4690
Hunter-Lab	63.1719, 10.6440, -31.1328

Details

The Yxy color $39.9069, 0.2630, 0.2447$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $75.7200, 0.3552, 0.4020$, and the grayscale version is $40.7083, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.7350, 0.2912, 0.2904$, and $17.8044, 0.2481, 0.2222$ is the 20% darker color. If you saturate the color by 10%, you get $30.2821, 0.2425, 0.2102$, and if you desaturate by 10%, it is $51.4374, 0.2820, 0.2768$.

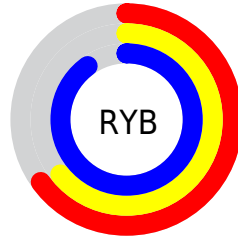
Distribution



Red (65%)

Green (64%)

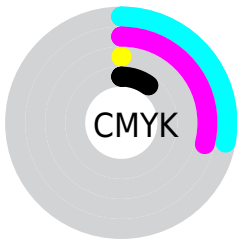
Blue (90%)



Red (65%)

Yellow (64%)

Blue (90%)

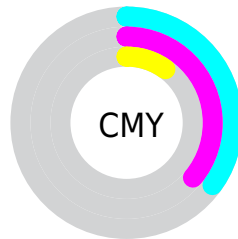


Cyan (28%)

Magenta (29%)

Yellow (0%)

Black (10%)



Cyan (35%)

Magenta (36%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.9069, 0.2630, 0.2447 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 39.9069, 0.2630, 0.2447 by changing the saturation by 10% instead.

■ 39.9069, 0.2630,
0.2447

■ 39.9069, 0.2630,
0.2447

■ 345.7310, 0.2884,
0.2856

■ 27.4660, 0.2566,
0.2350

■ 75.0217, 0.2723,
0.2592

■ 17.9235, 0.2484,
0.2228

■ 98.4644, 0.2758,
0.2648

■ 10.8951, 0.2376,
0.2072

■ 126.3431, 0.2787,
0.2695

■ 5.9963, 0.2226,
0.1866

■ 159.0423, 0.2812,
0.2736

■ 2.8428, 0.2011,
0.1586

■ 196.9462, 0.2834,
0.2772

■ 1.0502, 0.1683,
0.1193

■ 240.4394, 0.2853,

■ 0.0000, 0.0963,

0.2803

0.0000

289.9062, 0.2869,
0.2831

0.0000, 0.0000,
0.0000

39.9069, 0.2630,
0.2447

39.9069, 0.2630,
0.2447

30.2821, 0.2425,
0.2102

51.4374, 0.2820,
0.2768

22.4561, 0.2212,
0.1747

64.9636, 0.2990,
0.3056

16.3187, 0.2004,
0.1402

80.5753, 0.3140,
0.3311

11.7454, 0.1816,
0.1094

98.3531, 0.3269,
0.3533

8.5950, 0.1665,
0.0851

98.4918, 0.3274,
0.3532

■ 6.7005, 0.1563,
0.0689

■ 5.8123, 0.1510,
0.0609

■ 5.7555, 0.1507,
0.0604

Harmonies

Analogous

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



39.9069, 0.2285, 0.2472



39.9069, 0.2630, 0.2447



39.9069, 0.3137, 0.2608

Triad

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



39.9069, 0.2630, 0.2447



39.9069, 0.4207, 0.3740



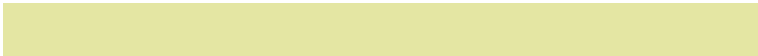
39.9069, 0.2561, 0.3691

Complementary

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



39.9069, 0.2630, 0.2447



75.7200, 0.3552, 0.4020

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.



39.9069, 0.3044, 0.4135



39.9069, 0.2630, 0.2447



39.9069, 0.4007, 0.4101

Square

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



39.9069, 0.2630, 0.2447



39.9069, 0.4091, 0.3316



39.9069, 0.3575, 0.4276



39.9069, 0.2245, 0.3143

Rectangle

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



39.9069, 0.2630, 0.2447



39.9069, 0.3508, 0.2800



39.9069, 0.3575, 0.4276



39.9069, 0.2708, 0.3863

Sweetspot

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



39.9085, 0.2630, 0.2447



82.2388, 0.2991, 0.3058



69.4609, 0.2705, 0.3276



17.0318, 0.2968, 0.3018



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.



39.9085, 0.2630, 0.2447



42.7678, 0.2507, 0.2239



43.8638, 0.2888, 0.2505



13.9073, 0.2985, 0.3047



3.2684, 0.1509, 0.0605



0.2487, 0.1536, 0.0620

Inverse Universe

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



48.6199, 0.3177, 0.2586



55.4936, 0.3189, 0.2442



70.8777, 0.3311, 0.4081



14.6075, 0.3142, 0.3065



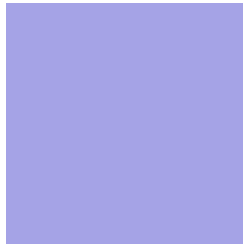
12.5510, 0.3284, 0.1583



0.9298, 0.3272, 0.1576

Previews

White Background



This preview shows how the Yxy color 39.9069, 0.2630, 0.2447 looks on a white background.

Color Contrast Check

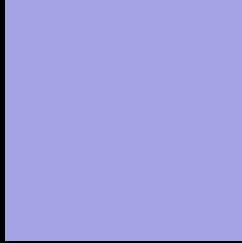
Large Text (above 18pt) WCAG AA × Fail

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 39.9069, 0.2630, 0.2447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

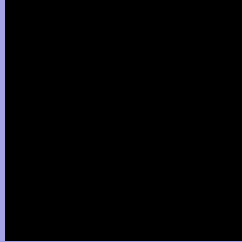
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9069, 0.2630, 0.2447

Background



This preview shows how black text looks on a background with the Yxy color 39.9069, 0.2630, 0.2447.



This preview shows how white text looks on a background with the Yxy color 39.9069, 0.2630, 0.2447.

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

39.9069, 0.2630, 0.2447

Protanopia

40.0047, 0.2510, 0.2443

Deuteranopia

39.9700, 0.2548, 0.2489



Tritanopia

40.0757, 0.2886, 0.3107

Trichromacy



Original Color

39.9069, 0.2630, 0.2447

Protanomaly

40.0672, 0.2549, 0.2448

Deuteranomaly

40.0977, 0.2582, 0.2484

Tritanomaly

39.9639, 0.2790, 0.2856

Monochromacy



Original Color

39.9069, 0.2630, 0.2447

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2461, 0.2940, 0.2967

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9069, 0.2630, 0.2447 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(165, 163, 230)` looks like.

```
.text, #text, p{  
    color:rgb(165, 163, 230)  
}
```

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(165, 163, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 163, 230) }
```

Border

The CSS property to change the border of an element to Yxy 39.9069, 0.2630, 0.2447 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(165, 163, 230) }
```

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

```
.border{ border-color:rgb(165, 163, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 163, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 163, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 163, 230);  
box-shadow:4px 4px 4px 4px rgb(165, 163,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9069, 0.2630, 0.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 163, 230) }
```

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

```
.background{ background-color: rgb(165,  
163, 230) }
```

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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