

Converting Colors

Yxy(39.5933, 0.2870, 0.2479)

Have a look what the booklet for
Yxy(39.5933, 0.2870, 0.2479)
contains.

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Color

Yxy(39.5354, 0.2873, 0.2475)

Conversions

Conversions Part 1

Format	Color
Hex	BD9BDE
RGB	189, 155, 222
RGB Percent	74%, 61%, 87%
CMY	0.2588, 0.3921, 0.1295
CMYK	0.15, 0.30, 0.00, 0.13
HSL	270°, 50%, 74%
HSV	270°, 30%, 87%
XYZ	45.8930, 39.5354, 74.3106
YIQ	172.8040, -1.2430, 28.0450

Conversions

Conversions Part 2

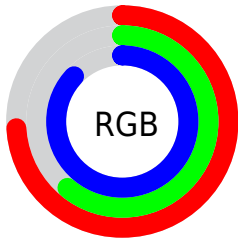
Format	Color
RYB	189, 155, 222
Decimal	12426206
CIELab	69.14, 25.29, -29.30
CIELCh	69, 38.702, 310.798
Yxy	39.5354, 0.2873, 0.2475
Android (android.graphics.Color)	4290616286 (0xFFBD9BDE)
YUV	172.8040, 24.2536, 14.2039
Hunter-Lab	62.8772, 20.2491, -26.0571

Details

The Yxy color **39.5354, 0.2873, 0.2475** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **65.2914, 0.3321, 0.4109**, and the grayscale version is **41.5602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9060, 0.3084, 0.2842**, and **17.6414, 0.2787, 0.2254** is the 20% darker color. If you saturate the color by 10%, you get **31.4695, 0.2764, 0.2178**, and if you desaturate by 10%, it is **49.0681, 0.2970, 0.2763**.

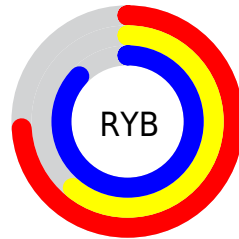
Distribution



Red (74%)

Green (61%)

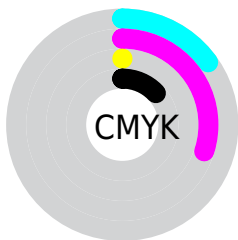
Blue (87%)



Red (74%)

Yellow (61%)

Blue (87%)

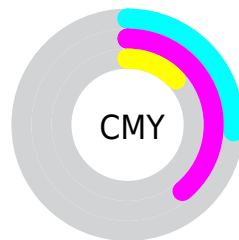


Cyan (15%)

Magenta (30%)

Yellow (0%)

Black (13%)



Cyan (26%)


Magenta (39%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5354, 0.2873, 0.2475 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 39.5354, 0.2873, 0.2475 by changing the saturation by 10% instead.


 39.5354, 0.2873,
0.2475

 39.5354, 0.2873,
0.2475


344.1614, 0.3009,
0.2868

 27.1765, 0.2837,
0.2382


 74.4555, 0.2924,
0.2614

 17.7058, 0.2789,
0.2266


 97.7855, 0.2943,
0.2667

 10.7390, 0.2724,
0.2116


125.5413, 0.2959,
0.2713

 5.8916, 0.2632,
0.1919

158.1073, 0.2972,
0.2752

 2.7793, 0.2490,
0.1648

195.8680, 0.2983,
0.2787

 1.0176, 0.2255,
0.1264

239.2076, 0.2993,

 0.0000, 0.1854,

0.2817

0.0000

288.5106, 0.3002,
0.2844

■ 0.0000, 0.0000,
0.0000

■ 39.5354, 0.2873,
0.2475

■ 39.5354, 0.2873,
0.2475

■ 31.4695, 0.2764,
0.2178

■ 49.0681, 0.2970,
0.2763

■ 24.7886, 0.2643,
0.1883

■ 60.1337, 0.3054,
0.3034

■ 19.4103, 0.2515,
0.1603

■ 72.8001, 0.3126,
0.3286

■ 15.2411, 0.2384,
0.1352

■ 87.1298, 0.3187,
0.3515

■ 12.1743, 0.2255,
0.1145

■ 95.9642, 0.3248,
0.3619

■ 10.0837, 0.2134,
0.0992

■ 97.9737, 0.3319,
0.3612

■ 8.7648, 0.2027,
0.0890

■ 98.0533, 0.3322,
0.3611

Harmonies

Analogous

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



39.5354, 0.2411, 0.2392



39.5354, 0.2873, 0.2475



39.5354, 0.3452, 0.2731

Triad

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



39.5354, 0.2873, 0.2475



39.5354, 0.4188, 0.3978



39.5354, 0.2326, 0.3398

Complementary

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



39.5354, 0.2873, 0.2475



65.2914, 0.3321, 0.4109

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.



39.5354, 0.2750, 0.3963



39.5354, 0.2873, 0.2475



39.5354, 0.3829, 0.4277

Square

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



39.5354, 0.2873, 0.2475



39.5354, 0.4253, 0.3553



39.5354, 0.3299, 0.4300



39.5354, 0.2119, 0.2862

Rectangle

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



39.5354, 0.2873, 0.2475



39.5354, 0.3820, 0.2975



39.5354, 0.3299, 0.4300



39.5354, 0.2446, 0.3596

Sweetspot

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



39.5370, 0.2873, 0.2475



84.1413, 0.3063, 0.3063



48.4203, 0.2646, 0.2860



17.4977, 0.3051, 0.3025



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.



39.5370, 0.2873, 0.2475



47.1592, 0.2808, 0.2294



44.2443, 0.3162, 0.2543



13.5836, 0.3060, 0.3053



5.2731, 0.2042, 0.0898



0.4188, 0.2208, 0.0990

Inverse Universe

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



42.6009, 0.3473, 0.2906



52.0988, 0.3568, 0.2825



61.5716, 0.3086, 0.4171



13.8125, 0.3215, 0.3175



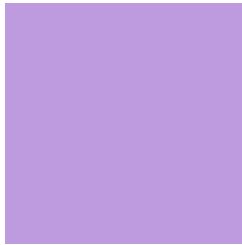
9.9061, 0.4984, 0.2520



0.7047, 0.4638, 0.2329

Previews

White Background



This preview shows how the Yxy color 39.5354, 0.2873, 0.2475 looks on a white background.

Color Contrast Check

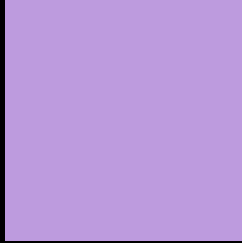
Large Text (above 18pt) WCAG AA × Fail

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 39.5354, 0.2873, 0.2475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

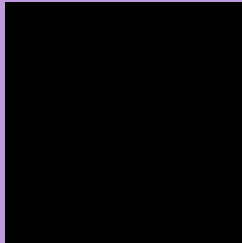
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5354, 0.2873, 0.2475

Background



This preview shows how black text looks on a background with the Yxy color 39.5354, 0.2873, 0.2475.



This preview shows how white text looks on a background with the Yxy color 39.5354, 0.2873, 0.2475.

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

39.5354, 0.2873, 0.2475

Protanopia

39.8910, 0.2522, 0.2465

Deuteranopia

39.7088, 0.2647, 0.2585



Tritanopia

39.6703, 0.3182, 0.3117

Trichromacy



Original Color

39.5354, 0.2873, 0.2475

Protanomaly

39.6883, 0.2635, 0.2466

Deuteranomaly

39.4961, 0.2720, 0.2538

Tritanomaly

39.6543, 0.3073, 0.2875

Monochromacy



Original Color

39.5354, 0.2873, 0.2475

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.6177, 0.3035, 0.2961

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5354, 0.2873, 0.2475 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(189, 155, 222)` looks like.

```
.text, #text, p{  
    color:rgb(189, 155, 222)  
}
```

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(189, 155, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 155, 222) }
```

Border

The CSS property to change the border of an element to Yxy 39.5354, 0.2873, 0.2475 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(189, 155, 222) }
```

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

```
.border{ border-color:rgb(189, 155, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 155, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 155, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 155, 222);  
box-shadow:4px 4px 4px 4px rgb(189, 155,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5354, 0.2873, 0.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 155, 222) }
```

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

```
.background{ background-color: rgb(189,  
155, 222) }
```

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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