

Converting Colors

$Y_{xy}(39.2713, 0.2956, 0.2703)$

Have a look what the booklet for
Yxy(39.2713, 0.2956, 0.2703)
contains.

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Color

Yxy(39.2713, 0.2956, 0.2703)

Conversions

Conversions Part 1

Format	Color
Hex	B79FCD
RGB	183, 159, 205
RGB Percent	72%, 62%, 80%
CMY	0.2823, 0.3765, 0.1961
CMYK	0.11, 0.22, 0.00, 0.20
HSL	271°, 32%, 71%
HSV	271°, 22%, 80%
XYZ	42.9471, 39.2713, 63.0694
YIQ	171.4200, -0.4620, 19.3940

Conversions

Conversions Part 2

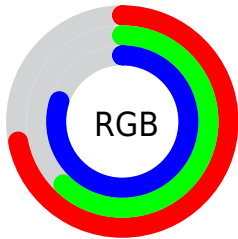
Format	Color
RYB	183, 159, 205
Decimal	12033997
CIELab	68.95, 17.53, -20.26
CIELCh	69, 26.787, 310.867
Yxy	39.2713, 0.2956, 0.2703
Android (android.graphics.Color)	4290224077 (0xFFB79FCD)
YUV	171.4200, 16.5549, 10.1557
Hunter-Lab	62.6668, 12.6634, -15.8042

Details

The Yxy color $39.2713, 0.2956, 0.2703$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $55.9845, 0.3268, 0.3881$, and the grayscale version is $40.8634, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.6639, 0.3034, 0.2877$, and $17.4956, 0.2900, 0.2530$ is the 20% darker color. If you saturate the color by 10%, you get $31.6375, 0.2860, 0.2415$, and if you desaturate by 10%, it is $48.1612, 0.3040, 0.2977$.

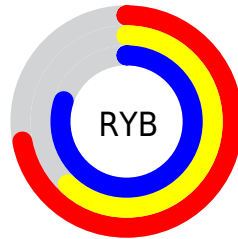
Distribution



Red (72%)

Green (62%)

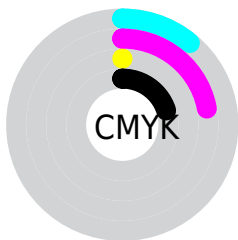
Blue (80%)



Red (72%)

Yellow (62%)

Blue (80%)

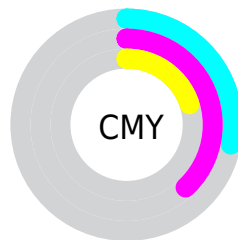


Cyan (11%)

Magenta (22%)

Yellow (0%)

Black (20%)



Cyan (28%)


Magenta (38%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2713, 0.2956, 0.2703 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 39.2713, 0.2956, 0.2703 by changing the saturation by 10% instead.


 39.2713, 0.2956,
0.2703


 39.2713, 0.2956,
0.2703


343.0426, 0.3047,
0.2993

 26.9708, 0.2932,
0.2632


 74.0526, 0.2990,
0.2807

 17.5513, 0.2899,
0.2542


 97.3022, 0.3003,
0.2847

 10.6284, 0.2855,
0.2424


124.9704, 0.3014,
0.2880

 5.8175, 0.2790,
0.2264

157.4414, 0.3022,
0.2909

 2.7344, 0.2688,
0.2033

195.0998, 0.3030,
0.2934

 0.9947, 0.2508,
0.1678

238.3298, 0.3037,

 0.0000, 0.1928,

0.2956

0.0000

287.5159, 0.3042,
0.2975

0.0000, 0.0000,
0.0000

39.2713, 0.2956,
0.2703

39.2713, 0.2956,
0.2703

31.6375, 0.2860,
0.2415

48.1612, 0.3040,
0.2977

25.1956, 0.2752,
0.2121

58.3574, 0.3111,
0.3231

19.8829, 0.2634,
0.1831

69.9136, 0.3172,
0.3465

15.6290, 0.2509,
0.1560

82.8788, 0.3223,
0.3676

12.3553, 0.2381,
0.1320

93.0832, 0.3272,
0.3805

■ 9.9716, 0.2257,
0.1126

■ 94.7688, 0.3336,
0.3795

■ 8.3699, 0.2141,
0.0985

■ 96.5473, 0.3401,
0.3784

■ 7.5344, 0.2060,
0.0909

■ 97.1875, 0.3424,
0.3780

Harmonies

Analogous

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



39.2713, 0.2622, 0.2647



39.2713, 0.2956, 0.2703



39.2713, 0.3359, 0.2892

Triad

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



39.2713, 0.2956, 0.2703



39.2713, 0.3870, 0.3792



39.2713, 0.2563, 0.3372

Complementary

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



39.2713, 0.2956, 0.2703



55.9845, 0.3268, 0.3881

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.



39.2713, 0.2870, 0.3744



39.2713, 0.2956, 0.2703



39.2713, 0.3628, 0.3980

Square

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



39.2713, 0.2956, 0.2703



39.2713, 0.3906, 0.3497



39.2713, 0.3259, 0.3973



39.2713, 0.2407, 0.3003

Rectangle

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



39.2713, 0.2956, 0.2703



39.2713, 0.3609, 0.3073



39.2713, 0.3259, 0.3973



39.2713, 0.2651, 0.3503

Sweetspot

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



39.2730, 0.2956, 0.2703



87.5530, 0.3079, 0.3115



44.9203, 0.2774, 0.2974



18.5213, 0.3075, 0.3100



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.



39.2730, 0.2956, 0.2703



57.9455, 0.2910, 0.2563



42.1455, 0.3160, 0.2746



11.1273, 0.3063, 0.3056



4.7478, 0.2075, 0.0917



0.2900, 0.2285, 0.1032

Inverse Universe

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



41.1104, 0.3370, 0.3017



61.5585, 0.3438, 0.2955



53.5606, 0.3093, 0.3902



11.3015, 0.3216, 0.3180



8.6477, 0.5035, 0.2547



0.4614, 0.4586, 0.2300

Previews

White Background



This preview shows how the Yxy color 39.2713, 0.2956, 0.2703 looks on a white background.

Color Contrast Check

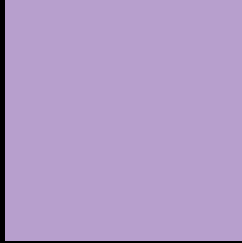
Large Text (above 18pt) WCAG AA × Fail

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 39.2713, 0.2956, 0.2703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

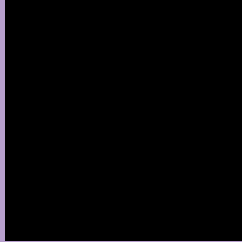
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2713, 0.2956, 0.2703

Background



This preview shows how black text looks on a background with the Yxy color 39.2713, 0.2956, 0.2703.



This preview shows how white text looks on a background with the Yxy color 39.2713, 0.2956, 0.2703.

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

39.2713, 0.2956, 0.2703

Protanopia

39.5597, 0.2716, 0.2716

Deuteranopia

39.4854, 0.2829, 0.2773



Tritanopia

39.3089, 0.3154, 0.3115

Trichromacy



Original Color

39.2713, 0.2956, 0.2703

Protanomaly

39.3205, 0.2799, 0.2711

Deuteranomaly

39.4383, 0.2878, 0.2753

Tritanomaly

39.1318, 0.3078, 0.2959

Monochromacy



Original Color

39.2713, 0.2956, 0.2703

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.1703, 0.3065, 0.3074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2713, 0.2956, 0.2703 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(183, 159, 205)` looks like.

```
.text, #text, p{  
    color:rgb(183, 159, 205)  
}
```

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(183, 159, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 159, 205) }
```

Border

The CSS property to change the border of an element to Yxy 39.2713, 0.2956, 0.2703 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(183, 159, 205) }
```

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

```
.border{ border-color:rgb(183, 159, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 159, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 159, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 159, 205);  
box-shadow:4px 4px 4px 4px rgb(183, 159,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2713, 0.2956, 0.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 159, 205) }
```

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

```
.background{ background-color: rgb(183,  
159, 205) }
```

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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