

Converting Colors

$Yxy(39.3445, 0.2700, 0.2443)$

Have a look what the booklet for
Yxy(39.3445, 0.2700, 0.2443)
contains.

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Color

Yxy(39.4583, 0.2700, 0.2452)

Conversions

Conversions Part 1

Format	Color
Hex	ACA0E3
RGB	172, 160, 227
RGB Percent	67%, 63%, 89%
CMY	0.3255, 0.3725, 0.1097
CMYK	0.24, 0.30, 0.00, 0.11
HSL	251°, 54%, 76%
HSV	251°, 30%, 89%
XYZ	43.4492, 39.4583, 78.0154
YIQ	171.2260, -14.3550, 23.3810

Conversions

Conversions Part 2

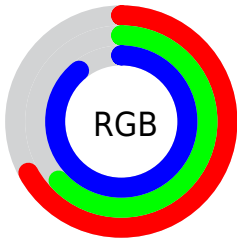
Format	Color
RYB	172, 160, 227
Decimal	11313379
CIELab	69.08, 18.44, -32.27
CIELCh	69, 37.168, 299.738
Yxy	39.4583, 0.2700, 0.2452
Android (android.graphics.Color)	4289503459 (0xFFACA0E3)
YUV	171.2260, 27.4966, 0.6788
Hunter-Lab	62.8158, 13.5392, -29.6654

Details

The Yxy color $39.4583, 0.2700, 0.2452$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $71.9424, 0.3481, 0.4049$, and the grayscale version is $40.7091, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.3149, 0.2958, 0.2878$, and $17.7291, 0.2572, 0.2247$ is the 20% darker color. If you saturate the color by 10%, you get $30.3306, 0.2521, 0.2121$, and if you desaturate by 10%, it is $50.3222, 0.2863, 0.2763$.

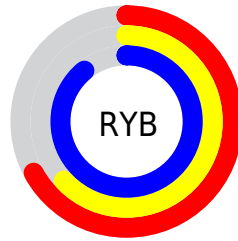
Distribution



Red (67%)

Green (63%)

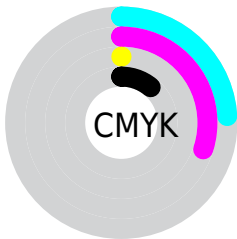
Blue (89%)



Red (67%)

Yellow (63%)

Blue (89%)

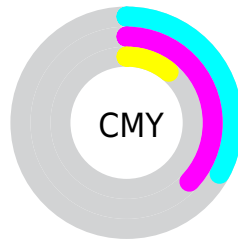


Cyan (24%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (33%)


Magenta (37%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4583, 0.2700, 0.2452 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 39.4583, 0.2700, 0.2452 by changing the saturation by 10% instead.


 39.4583, 0.2700,
0.2452


 39.4583, 0.2700,
0.2452


343.8351, 0.2921,
0.2858

 27.1164, 0.2644,
0.2355


 74.3379, 0.2781,
0.2596

 17.6607, 0.2571,
0.2235


 97.6445, 0.2812,
0.2651

 10.7067, 0.2474,
0.2080


125.3747, 0.2837,
0.2698

 5.8699, 0.2339,
0.1875

157.9130, 0.2859,
0.2739

 2.7662, 0.2141,
0.1595

195.6439, 0.2877,
0.2775

 1.0109, 0.1832,
0.1202

238.9515, 0.2894,


 0.0000, 0.1160,


0.2806

0.0000


288.2205, 0.2908,
0.2834


 0.0000, 0.0000,
0.0000


 39.4583, 0.2700,
0.2452

 39.4583, 0.2700,
0.2452


 30.3306, 0.2521,
0.2121


 50.3222, 0.2863,
0.2763


 22.8440, 0.2331,
0.1781


 63.0015, 0.3007,
0.3047

 16.9009, 0.2138,
0.1451

 77.5761, 0.3133,
0.3302

 12.3919, 0.1955,
0.1154

 94.1200, 0.3241,
0.3526

 9.1926, 0.1793,
0.0912

 98.3273, 0.3291,
0.3562

■ 7.1567, 0.1665,
0.0742

■ 6.0524, 0.1577,
0.0644

■ 6.0104, 0.1573,
0.0640

Harmonies

Analogous

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



39.4583, 0.2319, 0.2443



39.4583, 0.2700, 0.2452



39.4583, 0.3231, 0.2643

Triad

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



39.4583, 0.2700, 0.2452



39.4583, 0.4208, 0.3813



39.4583, 0.2486, 0.3604

Complementary

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



39.4583, 0.2700, 0.2452



71.9424, 0.3481, 0.4049

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.



39.4583, 0.2954, 0.4090



39.4583, 0.2700, 0.2452



39.4583, 0.3958, 0.4158

Square

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



39.4583, 0.2700, 0.2452



39.4583, 0.4147, 0.3388



39.4583, 0.3493, 0.4290



39.4583, 0.2202, 0.3054

Rectangle

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



39.4583, 0.2700, 0.2452



39.4583, 0.3604, 0.2851



39.4583, 0.3493, 0.4290



39.4583, 0.2626, 0.3786

Sweetspot

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



39.4599, 0.2700, 0.2452



82.8205, 0.3013, 0.3060



62.0581, 0.2687, 0.3153



17.1737, 0.2993, 0.3020



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.



39.4599, 0.2700, 0.2452



44.3112, 0.2600, 0.2265



43.6248, 0.2969, 0.2514



14.0104, 0.3008, 0.3049



3.5402, 0.1583, 0.0646



0.2979, 0.1710, 0.0716

Inverse Universe

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



46.3864, 0.3264, 0.2678



54.6761, 0.3296, 0.2559



67.4762, 0.3241, 0.4111



14.5687, 0.3165, 0.3099



11.6178, 0.3719, 0.1822



0.8701, 0.3631, 0.1774

Previews

White Background



This preview shows how the Yxy color 39.4583, 0.2700, 0.2452 looks on a white background.

Color Contrast Check

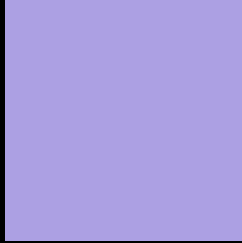
Large Text (above 18pt) WCAG AA × Fail

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 39.4583, 0.2700, 0.2452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

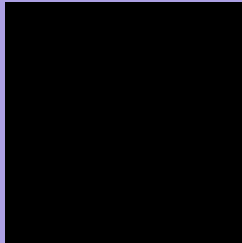
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4583, 0.2700, 0.2452

Background



This preview shows how black text looks on a background with the Yxy color 39.4583, 0.2700, 0.2452.



This preview shows how white text looks on a background with the Yxy color 39.4583, 0.2700, 0.2452.

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

39.4583, 0.2700, 0.2452

Protanopia

39.4882, 0.2507, 0.2439

Deuteranopia

39.5357, 0.2572, 0.2510



Tritanopia

39.5399, 0.2967, 0.3109

Trichromacy



Original Color

39.4583, 0.2700, 0.2452

Protanomaly

39.4322, 0.2572, 0.2446

Deuteranomaly

39.5155, 0.2620, 0.2495

Tritanomaly

39.4566, 0.2867, 0.2860

Monochromacy



Original Color

39.4583, 0.2700, 0.2452

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.0569, 0.2965, 0.2967

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4583, 0.2700, 0.2452 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(172, 160, 227)` looks like.

```
.text, #text, p{  
    color:rgb(172, 160, 227)  
}
```

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(172, 160, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 160, 227) }
```

Border

The CSS property to change the border of an element to Yxy 39.4583, 0.2700, 0.2452 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(172, 160, 227) }
```

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

```
.border{ border-color:rgb(172, 160, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 160, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 160, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 160, 227);  
box-shadow:4px 4px 4px 4px rgb(172, 160,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4583, 0.2700, 0.2452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 160, 227) }
```

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

```
.background{ background-color: rgb(172,  
160, 227) }
```

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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