

Converting Colors

$Yxy(38.8796, 0.2607, 0.2406)$

Have a look what the booklet for
Yxy(38.8796, 0.2607, 0.2406)
contains.

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Color

Yxy(39.0458, 0.2606, 0.2407)

Conversions

Conversions Part 1

Format	Color
Hex	A3A1E7
RGB	163, 161, 231
RGB Percent	64%, 63%, 91%
CMY	0.3607, 0.3686, 0.0942
CMYK	0.29, 0.30, 0.00, 0.09
HSL	242°, 59%, 77%
HSV	242°, 30%, 91%
XYZ	42.2739, 39.0458, 80.8980
YIQ	169.5780, -21.2780, 22.1940

Conversions

Conversions Part 2

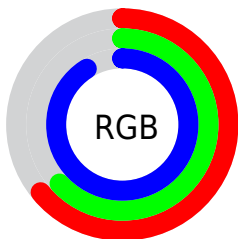
Format	Color
R_{YB}	163, 161, 231
Decimal	10723815
CIE _{Lab}	68.78, 16.21, -34.96
CIE _{LCh}	69, 38.540, 294.879
Yxy	39.0458, 0.2606, 0.2407
Android (android.graphics.Color)	4288913895 (0xFFA3A1E7)
YUV	169.5780, 30.2810, -5.7689
Hunter-Lab	62.4866, 11.4085, -33.0188

Details

The Yxy color **39.0458, 0.2606, 0.2407** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **76.3686, 0.3569, 0.4050**, and the grayscale version is **39.8344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3918, 0.2898, 0.2881**, and **17.4982, 0.2452, 0.2187** is the 20% darker color. If you saturate the color by 10%, you get **29.5443, 0.2399, 0.2060**, and if you desaturate by 10%, it is **50.4614, 0.2798, 0.2731**.

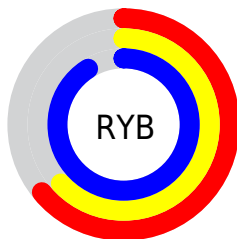
Distribution



Red (64%)

Green (63%)

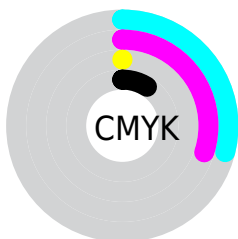
Blue (91%)



Red (64%)

Yellow (63%)

Blue (91%)

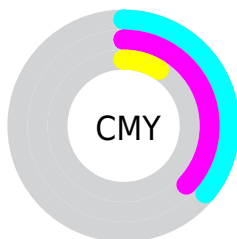


Cyan (29%)

Magenta (30%)

Yellow (0%)

Black (9%)



Cyan (36%)

Magenta (37%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0458, 0.2606, 0.2407 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 39.0458, 0.2606, 0.2407 by changing the saturation by 10% instead.

■ 39.0458, 0.2606,
0.2407

■ 39.0458, 0.2606,
0.2407

■ 342.0852, 0.2873,
0.2836

■ 26.7954, 0.2539,
0.2305

■ 73.7083, 0.2704,
0.2559

■ 17.4196, 0.2452,
0.2178

■ 96.8891, 0.2740,
0.2617

■ 10.5341, 0.2338,
0.2016

■ 124.4822, 0.2771,
0.2667

■ 5.7545, 0.2182,
0.1802

■ 156.8719, 0.2797,
0.2710

■ 2.6964, 0.1956,
0.1512

■ 194.4427, 0.2820,
0.2747

■ 0.9754, 0.1614,
0.1111

■ 237.5789, 0.2840,

■ 0.0000, 0.0818,

0.2780

0.0000

286.6649, 0.2857,
0.2809

■ 0.0000, 0.0000,
0.0000

■ 39.0458, 0.2606,
0.2407

■ 39.0458, 0.2606,
0.2407

■ 29.5443, 0.2399,
0.2060

■ 50.4614, 0.2798,
0.2731

■ 21.8480, 0.2186,
0.1704

■ 63.8831, 0.2971,
0.3024

■ 15.8440, 0.1979,
0.1362

■ 79.4023, 0.3123,
0.3283

■ 11.4047, 0.1795,
0.1061

■ 97.1036, 0.3255,
0.3508

■ 8.3847, 0.1650,
0.0826

■ 98.5487, 0.3268,
0.3523

■ 6.6113, 0.1554,
0.0675

■ 5.8117, 0.1507,
0.0604

Harmonies

Analogous

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



39.0458, 0.2245, 0.2430



39.0458, 0.2606, 0.2407



39.0458, 0.3139, 0.2576

Triad

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



39.0458, 0.2606, 0.2407



39.0458, 0.4264, 0.3760



39.0458, 0.2528, 0.3710

Complementary

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



39.0458, 0.2606, 0.2407



76.3686, 0.3569, 0.4050

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.



39.0458, 0.3034, 0.4184



39.0458, 0.2606, 0.2407



39.0458, 0.4049, 0.4142

Square

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



39.0458, 0.2606, 0.2407



39.0458, 0.4146, 0.3316



39.0458, 0.3592, 0.4331



39.0458, 0.2200, 0.3129

Rectangle

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



39.0458, 0.2606, 0.2407



39.0458, 0.3531, 0.2777



39.0458, 0.3592, 0.4331



39.0458, 0.2682, 0.3894

Sweetspot

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



39.0473, 0.2606, 0.2407



82.2367, 0.2991, 0.3058



69.8384, 0.2690, 0.3275



17.0313, 0.2967, 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.



39.0473, 0.2606, 0.2407



41.5764, 0.2485, 0.2204



43.1503, 0.2876, 0.2471



13.9069, 0.2985, 0.3047



3.2677, 0.1509, 0.0605



0.2485, 0.1535, 0.0619

Inverse Universe

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



48.1314, 0.3179, 0.2557



54.5759, 0.3190, 0.2418



71.2956, 0.3318, 0.4116



14.6077, 0.3142, 0.3065



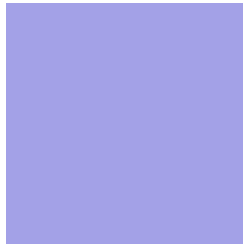
12.5547, 0.3282, 0.1582



0.9300, 0.3271, 0.1576

Previews

White Background



This preview shows how the Yxy color 39.0458, 0.2606, 0.2407 looks on a white background.

Color Contrast Check

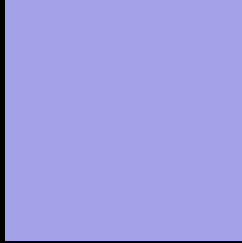
Large Text (above 18pt) WCAG AA × Fail

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 39.0458, 0.2606, 0.2407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

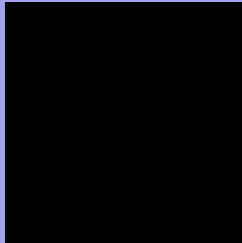
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0458, 0.2606, 0.2407

Background



This preview shows how black text looks on a background with the Yxy color 39.0458, 0.2606, 0.2407.



This preview shows how white text looks on a background with the Yxy color 39.0458, 0.2606, 0.2407.

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

39.0458, 0.2606, 0.2407

Protanopia

39.0538, 0.2480, 0.2401

Deuteranopia

39.2815, 0.2512, 0.2459



Tritanopia

38.9824, 0.2868, 0.3091

Trichromacy



Original Color

39.0458, 0.2606, 0.2407

Protanomaly

39.2064, 0.2526, 0.2408

Deuteranomaly

39.0364, 0.2544, 0.2440

Tritanomaly

39.0226, 0.2772, 0.2826

Monochromacy



Original Color

39.0458, 0.2606, 0.2407

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.6587, 0.2922, 0.2951

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0458, 0.2606, 0.2407 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(163, 161, 231)` looks like.

```
.text, #text, p{  
    color:rgb(163, 161, 231)  
}
```

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(163, 161, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 161, 231) }
```

Border

The CSS property to change the border of an element to Yxy 39.0458, 0.2606, 0.2407 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(163, 161, 231) }
```

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

```
.border{ border-color:rgb(163, 161, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 161, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 161, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 161, 231);  
box-shadow:4px 4px 4px 4px rgb(163, 161,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0458, 0.2606, 0.2407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 161, 231) }
```

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

```
.background{ background-color: rgb(163,  
161, 231) }
```

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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