

Converting Colors

$Y_{xy}(39.1252, 0.2704, 0.2439)$

Have a look what the booklet for
Yxy(39.1252, 0.2704, 0.2439)
contains.

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Color

Yxy(39.2266, 0.2707, 0.2441)

Conversions

Conversions Part 1

Format	Color
Hex	AD9FE3
RGB	173, 159, 227
RGB Percent	68%, 62%, 89%
CMY	0.3215, 0.3765, 0.1097
CMYK	0.24, 0.30, 0.00, 0.11
HSL	252°, 55%, 76%
HSV	252°, 30%, 89%
XYZ	43.5012, 39.2266, 77.9711
YIQ	170.9380, -13.4840, 24.1160

Conversions

Conversions Part 2

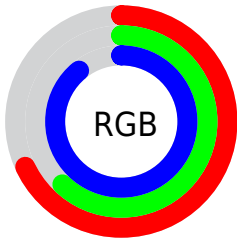
Format	Color
R_{YB}	173, 159, 227
Decimal	11378659
CIE _{Lab}	68.92, 19.31, -32.53
CIE _{LCh}	69, 37.826, 300.695
Yxy	39.2266, 0.2707, 0.2441
Android (android.graphics.Color)	4289568739 (0xFFAD9FE3)
YUV	170.9380, 27.6386, 1.8084
Hunter-Lab	62.6311, 14.3748, -29.9698

Details

The Yxy color **39.2266, 0.2707, 0.2441** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **71.6045, 0.3473, 0.4064**, and the grayscale version is **40.5575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9711, 0.2965, 0.2868**, and **17.5873, 0.2580, 0.2233** is the 20% darker color. If you saturate the color by 10%, you get **30.2059, 0.2533, 0.2112**, and if you desaturate by 10%, it is **49.9616, 0.2865, 0.2751**.

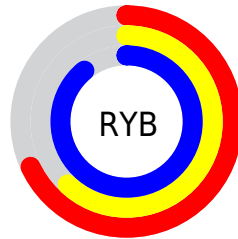
Distribution



Red (68%)

Green (62%)

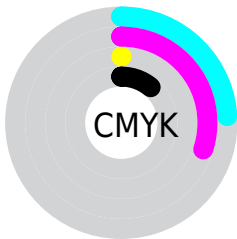
Blue (89%)



Red (68%)

Yellow (62%)

Blue (89%)

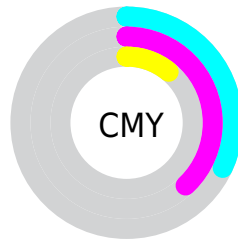


Cyan (24%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (32%)

Magenta (38%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2266, 0.2707, 0.2441 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 39.2266, 0.2707, 0.2441 by changing the saturation by 10% instead.

■ 39.2266, 0.2707,
0.2441

■ 39.2266, 0.2707,
0.2441

■ 342.8529, 0.2925,
0.2852

■ 26.9361, 0.2651,
0.2343

■ 73.9844, 0.2787,
0.2587

■ 17.5252, 0.2579,
0.2221

■ 97.2204, 0.2817,
0.2643

■ 10.6097, 0.2483,
0.2065

■ 124.8736, 0.2842,
0.2690

■ 5.8050, 0.2349,
0.1858

■ 157.3286, 0.2864,
0.2732

■ 2.7269, 0.2152,
0.1576

■ 194.9696, 0.2882,
0.2768

■ 0.9909, 0.1843,
0.1181

■ 238.1811, 0.2898,

■ 0.0000, 0.1173,

0.2799

0.0000

287.3474, 0.2912,
0.2827

0.0000, 0.0000,
0.0000

39.2266, 0.2707,
0.2441

39.2266, 0.2707,
0.2441

30.2059, 0.2533,
0.2112

49.9616, 0.2865,
0.2751

22.8051, 0.2347,
0.1775

62.4892, 0.3006,
0.3036

16.9279, 0.2158,
0.1450

76.8885, 0.3128,
0.3291

12.4656, 0.1977,
0.1157

93.2324, 0.3232,
0.3517

9.2950, 0.1817,
0.0919

98.3276, 0.3291,
0.3562

■ 7.2706, 0.1687,
0.0751

■ 6.1495, 0.1595,
0.0652

■ 6.1464, 0.1595,
0.0652

Harmonies

Analogous

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



39.2266, 0.2314, 0.2425



39.2266, 0.2707, 0.2441



39.2266, 0.3251, 0.2640

Triad

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



39.2266, 0.2707, 0.2441



39.2266, 0.4225, 0.3834



39.2266, 0.2461, 0.3592

Complementary

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



39.2266, 0.2707, 0.2441



71.6045, 0.3473, 0.4064

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.



39.2266, 0.2932, 0.4095



39.2266, 0.2707, 0.2441



39.2266, 0.3960, 0.4182

Square

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



39.2266, 0.2707, 0.2441



39.2266, 0.4175, 0.3402



39.2266, 0.3482, 0.4310



39.2266, 0.2180, 0.3032

Rectangle

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



39.2266, 0.2707, 0.2441



39.2266, 0.3631, 0.2855



39.2266, 0.3482, 0.4310



39.2266, 0.2601, 0.3779

Sweetspot

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



39.2282, 0.2707, 0.2441



82.9277, 0.3017, 0.3060



60.7189, 0.2678, 0.3123



17.1999, 0.2998, 0.3021



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.



39.2282, 0.2707, 0.2441



43.4441, 0.2599, 0.2236



43.5532, 0.2986, 0.2506



14.0294, 0.3012, 0.3049



3.6236, 0.1605, 0.0658



0.3068, 0.1741, 0.0733

Inverse Universe

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



45.9352, 0.3282, 0.2688



53.5868, 0.3323, 0.2561



67.0885, 0.3226, 0.4129



14.5617, 0.3169, 0.3105



11.4691, 0.3809, 0.1872



0.8604, 0.3704, 0.1814

Previews

White Background



This preview shows how the Yxy color 39.2266, 0.2707, 0.2441 looks on a white background.

Color Contrast Check

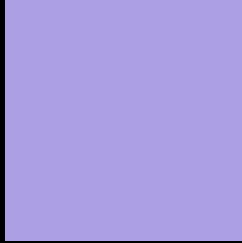
Large Text (above 18pt) WCAG AA × Fail

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 39.2266, 0.2707, 0.2441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

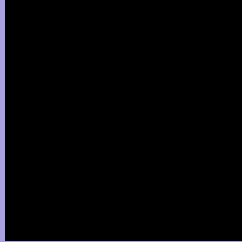
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2266, 0.2707, 0.2441

Background



This preview shows how black text looks on a background with the Yxy color 39.2266, 0.2707, 0.2441.



This preview shows how white text looks on a background with the Yxy color 39.2266, 0.2707, 0.2441.

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

39.2266, 0.2707, 0.2441

Protanopia

39.3945, 0.2500, 0.2437

Deuteranopia

39.4388, 0.2565, 0.2509



Tritanopia

39.2340, 0.2984, 0.3109

Trichromacy



Original Color

39.2266, 0.2707, 0.2441

Protanomaly

39.0757, 0.2571, 0.2433

Deuteranomaly

39.1590, 0.2618, 0.2481

Tritanomaly

39.2030, 0.2875, 0.2847

Monochromacy



Original Color

39.2266, 0.2707, 0.2441

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.1697, 0.2973, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2266, 0.2707, 0.2441 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(173, 159, 227)` looks like.

```
.text, #text, p{  
    color:rgb(173, 159, 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(173, 159, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 159, 227) }
```

Border

The CSS property to change the border of an element to Yxy 39.2266, 0.2707, 0.2441 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(173, 159, 227) }
```

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

```
.border{ border-color:rgb(173, 159, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 159, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 159, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 159, 227);  
box-shadow:4px 4px 4px 4px rgb(173, 159,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2266, 0.2707, 0.2441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 159, 227) }
```

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

```
.background{ background-color: rgb(173,  
159, 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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