

Converting Colors

$Yxy(38.9123, 0.2541, 0.2095)$

Have a look what the booklet for
Yxy(38.9123, 0.2541, 0.2095)
contains.

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Color

Yxy(38.9066, 0.2541, 0.2095)

Conversions

Conversions Part 1

Format	Color
Hex	B098FF
RGB	176, 152, 255
RGB Percent	69%, 60%, 100%
CMY	0.3096, 0.4040, 0.0001
CMYK	0.31, 0.40, 0.00, 0.00
HSL	254°, 100%, 80%
HSV	254°, 40%, 100%
XYZ	47.1893, 38.9066, 99.6158
YIQ	170.9180, -18.7590, 37.1210

Conversions

Conversions Part 2

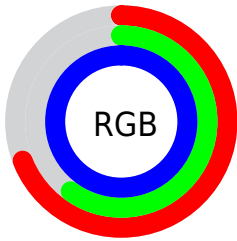
Format	Color
RYB	176, 152, 255
Decimal	11573503
CIELab	68.68, 30.90, -48.15
CIELCh	69, 57.214, 302.692
Yxy	38.9066, 0.2541, 0.2095
Android (android.graphics.Color)	4289763583 (0xFFB098FF)
YUV	170.9180, 41.4524, 4.4569
Hunter-Lab	62.3752, 25.8860, -51.0260

Details

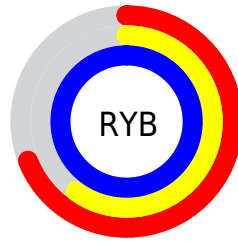
The Yxy color $38.9066, 0.2541, 0.2095$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $90.7509, 0.3568, 0.4355$, and the grayscale version is $40.4803, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.3381, 0.2999, 0.2799$, and $17.3776, 0.2364, 0.1819$ is the 20% darker color. If you saturate the color by 10%, you get $29.3857, 0.2359, 0.1760$, and if you desaturate by 10%, it is $50.5372, 0.2712, 0.2425$.

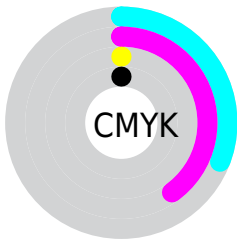
Distribution



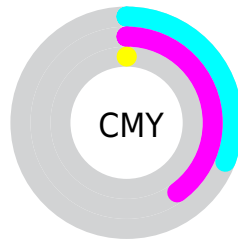
- Red (69%)
- Green (60%)
- Blue (100%)



- Red (69%)
- Yellow (60%)
- Blue (100%)



- Cyan (31%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9066, 0.2541, 0.2095 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 38.9066, 0.2541, 0.2095 by changing the saturation by 10% instead.


 38.9066, 0.2541,
0.2095


 38.9066, 0.2541,
0.2095


341.4932, 0.2843,
0.2652

 26.6871, 0.2465,
0.1970


 73.4956, 0.2651,
0.2287

 17.3383, 0.2369,
0.1819


 96.6339, 0.2693,
0.2362

 10.4760, 0.2244,
0.1631


124.1805, 0.2728,
0.2427

 5.7157, 0.2075,
0.1397

156.5200, 0.2758,
0.2483

 2.6730, 0.1840,
0.1102

194.0366, 0.2784,
0.2533

 0.9635, 0.1503,
0.0736

237.1147, 0.2806,

 0.0000, 0.1024,

0.2577

0.0000

286.1388, 0.2826,
0.2616

■ 0.0000, 0.0000,
0.0000

■ 38.9066, 0.2541,
0.2095

■ 38.9066, 0.2541,
0.2095

■ 29.3857, 0.2359,
0.1760

■ 50.5372, 0.2712,
0.2425

■ 21.8409, 0.2173,
0.1438

■ 64.3911, 0.2867,
0.2736

■ 16.1304, 0.1994,
0.1149

■ 80.5788, 0.3004,
0.3023

■ 12.0906, 0.1835,
0.0916

■ 99.2021, 0.3123,
0.3280

■ 9.5277, 0.1706,
0.0754

■ 99.9989, 0.3127,
0.3290

■ 8.1667, 0.1614,
0.0663

Harmonies

Analogous

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



38.9066, 0.1981, 0.2039



38.9066, 0.2541, 0.2095



38.9066, 0.3352, 0.2385

Triad

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



38.9066, 0.2541, 0.2095



38.9066, 0.4735, 0.4045



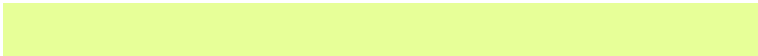
38.9066, 0.2096, 0.3676

Complementary

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



38.9066, 0.2541, 0.2095



90.7509, 0.3568, 0.4355

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.



38.9066, 0.2746, 0.4531



38.9066, 0.2541, 0.2095



38.9066, 0.4274, 0.4598

Square

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



38.9066, 0.2541, 0.2095



38.9066, 0.4734, 0.3434



38.9066, 0.3544, 0.4862



38.9066, 0.1747, 0.2810

Rectangle

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



38.9066, 0.2541, 0.2095



38.9066, 0.3935, 0.2684



38.9066, 0.3544, 0.4862



38.9066, 0.2284, 0.3990

Sweetspot

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



38.9081, 0.2541, 0.2095



77.8273, 0.2983, 0.2979



71.0177, 0.2526, 0.3013



16.1873, 0.2966, 0.2942



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.



38.9081, 0.2541, 0.2095



31.4839, 0.2403, 0.1840



46.0867, 0.2946, 0.2221



17.5825, 0.3015, 0.3047



4.3235, 0.1627, 0.0670



0.4680, 0.1733, 0.0728

Inverse Universe

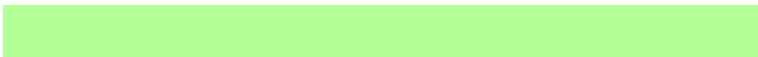
The Inverse Universe completely reimagines the original color for something new.



49.4741, 0.3379, 0.2500



43.4386, 0.3442, 0.2360



83.4139, 0.3229, 0.4481



18.2235, 0.3174, 0.3110



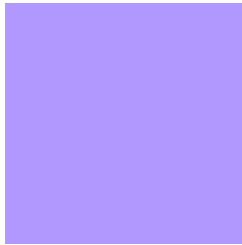
13.2015, 0.3907, 0.1926



1.3021, 0.3811, 0.1873

Previews

White Background



This preview shows how the Yxy color 38.9066, 0.2541, 0.2095 looks on a white background.

Color Contrast Check

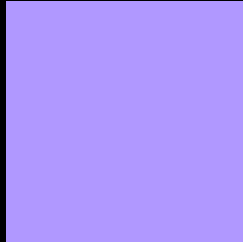
Large Text (above 18pt) WCAG AA × Fail

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 38.9066, 0.2541, 0.2095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

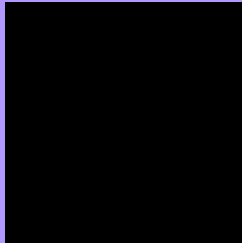
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9066, 0.2541, 0.2095

Background



This preview shows how black text looks on a background with the Yxy color 38.9066, 0.2541, 0.2095.



This preview shows how white text looks on a background with the Yxy color 38.9066, 0.2541, 0.2095.

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

38.9066, 0.2541, 0.2095

Protanopia

39.2812, 0.2295, 0.2173

Deuteranopia

39.2549, 0.2275, 0.2217



Tritanopia

38.9185, 0.2958, 0.3108

Trichromacy



Original Color

38.9066, 0.2541, 0.2095

Protanomaly

38.8456, 0.2375, 0.2136

Deuteranomaly

38.9523, 0.2358, 0.2170

Tritanomaly

38.5017, 0.2789, 0.2682

Monochromacy



Original Color

38.9066, 0.2541, 0.2095

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.6994, 0.2894, 0.2791

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9066, 0.2541, 0.2095 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(176, 152, 255)` looks like.

```
.text, #text, p{  
    color:rgb(176, 152, 255)  
}
```

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(176, 152, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 152, 255) }
```

Border

The CSS property to change the border of an element to Yxy 38.9066, 0.2541, 0.2095 is called "border". The border property can be set on classes, ids or directly on the HTML element.

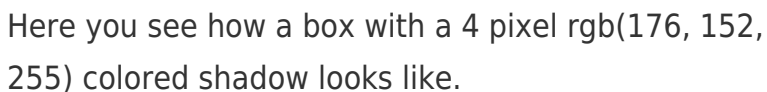
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 152, 255) }
```

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

```
.border{ border-color:rgb(176, 152, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 152, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 152, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 152, 255); box-shadow:4px 4px 4px 4px rgb(176, 152, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9066, 0.2541, 0.2095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 152, 255) }
```

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

```
.background{ background-color: rgb(176,  
152, 255) }
```

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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