

Converting Colors

$Yxy(39.9236, 0.2485, 0.2146)$

Have a look what the booklet for
Yxy(39.9236, 0.2485, 0.2146)
contains.

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Color

Yxy(39.8892, 0.2485, 0.2145)

Conversions

Conversions Part 1

Format	Color
Hex	A79EFF
RGB	167, 158, 255
RGB Percent	65%, 62%, 100%
CMY	0.3451, 0.3804, 0.0000
CMYK	0.35, 0.38, 0.00, 0.00
HSL	246°, 100%, 81%
HSV	246°, 38%, 100%
XYZ	46.2120, 39.8892, 99.8625
YIQ	171.7490, -25.7730, 32.0750

Conversions

Conversions Part 2

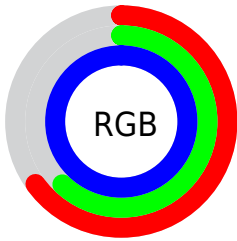
Format	Color
RYB	167, 158, 255
Decimal	10985215
CIELab	69.39, 25.10, -47.09
CIElCh	69, 53.365, 298.060
Yxy	39.8892, 0.2485, 0.2145
Android (android.graphics.Color)	4289175295 (0xFFA79EFF)
YUV	171.7490, 41.0427, -4.1649
Hunter-Lab	63.1579, 20.0802, -49.5362

Details

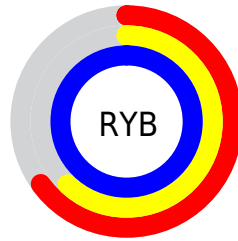
The Yxy color **39.8892, 0.2485, 0.2145** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **93.5736, 0.3638, 0.4259**, and the grayscale version is **40.9214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6558, 0.2931, 0.2853**, and **17.9721, 0.2299, 0.1878** is the 20% darker color. If you saturate the color by 10%, you get **29.7772, 0.2280, 0.1794**, and if you desaturate by 10%, it is **52.2594, 0.2679, 0.2485**.

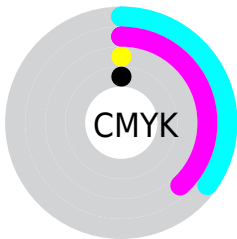
Distribution



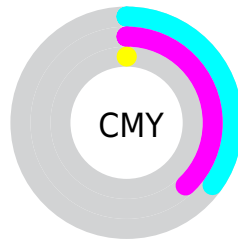
- Red (65%)
- Green (62%)
- Blue (100%)



- Red (65%)
- Yellow (62%)
- Blue (100%)



- Cyan (35%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





- Cyan (35%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.8892, 0.2485, 0.2145 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 39.8892, 0.2485, 0.2145 by changing the saturation by 10% instead.


 39.8892, 0.2485,
0.2145

 39.8892, 0.2485,
0.2145


345.6563, 0.2811,
0.2682

 27.4522, 0.2405,
0.2024


 74.9948, 0.2603,
0.2331

 17.9131, 0.2303,
0.1876


 98.4321, 0.2648,
0.2403

 10.8876, 0.2172,
0.1693


126.3049, 0.2685,
0.2466

 5.9913, 0.1996,
0.1462

158.9978, 0.2718,
0.2520

 2.8398, 0.1754,
0.1169

196.8949, 0.2746,
0.2568

 1.0487, 0.1412,
0.0800

240.3808, 0.2770,


 0.0000, 0.0917,


0.2610

0.0000


289.8398, 0.2792,
0.2648

 0.0000, 0.0000,
0.0000


 39.8892, 0.2485,
0.2145


 39.8892, 0.2485,
0.2145


 29.7772, 0.2280,
0.1794


 52.2594, 0.2679,
0.2485

 21.7823, 0.2076,
0.1451

 67.0082, 0.2857,
0.2800

 15.7548, 0.1885,
0.1141

 84.2531, 0.3015,
0.3085

 11.5233, 0.1724,
0.0890

99.9994, 0.3127,
0.3290

 8.8866, 0.1605,
0.0716

■ 7.5780, 0.1533,
0.0625

■ 7.4094, 0.1524,
0.0613

Harmonies

Analogous

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



39.8892, 0.1997, 0.2133



39.8892, 0.2485, 0.2145



39.8892, 0.3214, 0.2387

Triad

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



39.8892, 0.2485, 0.2145



39.8892, 0.4656, 0.3925



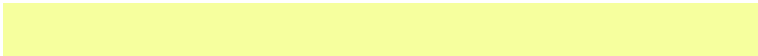
39.8892, 0.2248, 0.3783

Complementary

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



39.8892, 0.2485, 0.2145



93.5736, 0.3638, 0.4259

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.



39.8892, 0.2893, 0.4513



39.8892, 0.2485, 0.2145



39.8892, 0.4293, 0.4450

Square

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



39.8892, 0.2485, 0.2145



39.8892, 0.4569, 0.3350



39.8892, 0.3642, 0.4736



39.8892, 0.1867, 0.2962

Rectangle

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



39.8892, 0.2485, 0.2145



39.8892, 0.3756, 0.2654



39.8892, 0.3642, 0.4736



39.8892, 0.2439, 0.4061

Sweetspot

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



39.8907, 0.2485, 0.2145



78.8799, 0.2970, 0.3004



80.9543, 0.2583, 0.3198



16.3731, 0.2949, 0.2966



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.



39.8907, 0.2485, 0.2145



31.6616, 0.2322, 0.1866



46.0582, 0.2843, 0.2250



17.4583, 0.2993, 0.3045



3.8988, 0.1530, 0.0616



0.4055, 0.1591, 0.0650

Inverse Universe

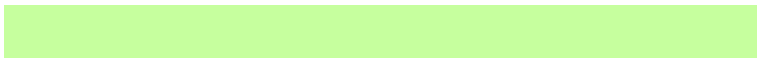
The Inverse Universe completely reimagines the original color for something new.



52.3667, 0.3244, 0.2424



45.8896, 0.3274, 0.2255



86.0448, 0.3318, 0.4370



18.2696, 0.3152, 0.3077



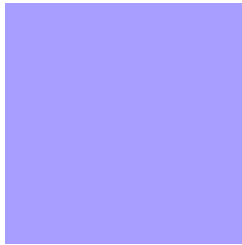
14.1454, 0.3458, 0.1679



1.3854, 0.3426, 0.1661

Previews

White Background



This preview shows how the Yxy color 39.8892, 0.2485, 0.2145 looks on a white background.

Color Contrast Check

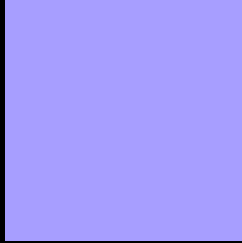
Large Text (above 18pt) WCAG AA × Fail

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 39.8892, 0.2485, 0.2145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

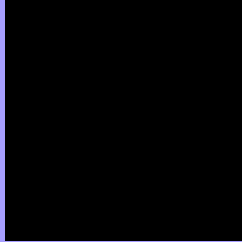
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8892, 0.2485, 0.2145

Background



This preview shows how black text looks on a background with the Yxy color 39.8892, 0.2485, 0.2145.



This preview shows how white text looks on a background with the Yxy color 39.8892, 0.2485, 0.2145.

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

39.8892, 0.2485, 0.2145

Protanopia

39.8957, 0.2315, 0.2190

Deuteranopia

40.0026, 0.2295, 0.2226



Tritanopia

39.7256, 0.2846, 0.3092

Trichromacy



Original Color

39.8892, 0.2485, 0.2145

Protanomaly

39.8039, 0.2375, 0.2171

Deuteranomaly

39.7264, 0.2357, 0.2186

Tritanomaly

39.5087, 0.2701, 0.2703

Monochromacy



Original Color

39.8892, 0.2485, 0.2145

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.4477, 0.2871, 0.2828

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8892, 0.2485, 0.2145 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(167, 158, 255)` looks like.

```
.text, #text, p{  
    color:rgb(167, 158, 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(167, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 158, 255) }
```

Border

The CSS property to change the border of an element to Yxy 39.8892, 0.2485, 0.2145 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(167, 158, 255) }
```

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

```
.border{ border-color:rgb(167, 158, 255) }
```

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

Here you see how a box with a 4 pixel rgb(167, 158, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 158, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 158, 255);  
box-shadow:4px 4px 4px 4px rgb(167, 158,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8892, 0.2485, 0.2145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 158, 255) }
```

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

```
.background{ background-color: rgb(167,  
158, 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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