

Converting Colors

$Y_{xy}(40.3704, 0.2500, 0.2001)$

Have a look what the booklet for
Yxy(40.3704, 0.2500, 0.2001)
contains.

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Color

Yxy(39.5002, 0.2578, 0.2106)

Conversions

Conversions Part 1

Format	Color
Hex	B598FF
RGB	181, 152, 255
RGB Percent	71%, 60%, 100%
CMY	0.2898, 0.4041, 0.0000
CMYK	0.29, 0.40, 0.00, 0.00
HSL	257°, 100%, 80%
HSV	257°, 40%, 100%
XYZ	48.3530, 39.5002, 99.7071
YIQ	172.4130, -15.7790, 38.1810

Conversions

Conversions Part 2

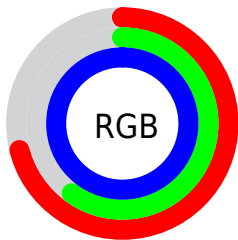
Format	Color
R_{YB}	181, 152, 255
Decimal	11901183
CIE _{Lab}	69.11, 32.28, -47.47
CIE _{LCh}	69, 57.409, 304.218
Yxy	39.5002, 0.2578, 0.2106
Android (android.graphics.Color)	4290091263 (0xFFB598FF)
YUV	172.4130, 40.7154, 7.5308
Hunter-Lab	62.8492, 27.3430, -50.0662

Details

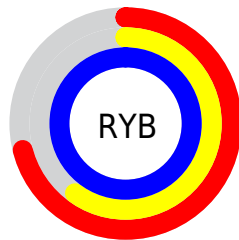
The Yxy color **39.5002, 0.2578, 0.2106** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **89.9343, 0.3533, 0.4368**, and the grayscale version is **41.2738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1964, 0.3035, 0.2804**, and **17.7446, 0.2411, 0.1836** is the 20% darker color. If you saturate the color by 10%, you get **30.0263, 0.2405, 0.1778**, and if you desaturate by 10%, it is **51.0428, 0.2739, 0.2431**.

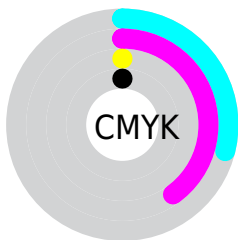
Distribution



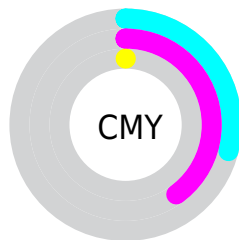
- Red (71%)
- Green (60%)
- Blue (100%)



- Red (71%)
- Yellow (60%)
- Blue (100%)



- Cyan (29%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)




- Cyan (29%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5002, 0.2578, 0.2106 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 39.5002, 0.2578, 0.2106 by changing the saturation by 10% instead.

 39.5002, 0.2578,
0.2106


 39.5002, 0.2578,
0.2106

344.0125, 0.2862,
0.2656

 27.1491, 0.2507,
0.1983


 74.4018, 0.2682,
0.2295

 17.6852, 0.2416,
0.1833

 97.7211, 0.2721,
0.2370

 10.7242, 0.2297,
0.1649


125.4653, 0.2754,
0.2434

 5.8817, 0.2136,
0.1418

158.0187, 0.2782,
0.2490

 2.7733, 0.1911,
0.1126

195.7657, 0.2806,
0.2539

 1.0145, 0.1586,
0.0763

239.0907, 0.2827,


 0.0000, 0.1138,


0.2582

0.0000


288.3782, 0.2846,
0.2621


 0.0000, 0.0000,
0.0000

 39.5002, 0.2578,
0.2106


 39.5002, 0.2578,
0.2106


 30.0263, 0.2405,
0.1778


 51.0428, 0.2739,
0.2431


 22.4956, 0.2228,
0.1461

 64.7706, 0.2884,
0.2739


 16.7675, 0.2054,
0.1178

 80.7901, 0.3012,
0.3023

 12.6816, 0.1896,
0.0948

 99.2010, 0.3123,
0.3280

 10.0478, 0.1763,
0.0785

 100.0000, 0.3127,
0.3290

■ 8.6009, 0.1665,
0.0691

Harmonies

Analogous

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



39.5002, 0.2004, 0.2037



39.5002, 0.2578, 0.2106



39.5002, 0.3396, 0.2406

Triad

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



39.5002, 0.2578, 0.2106



39.5002, 0.4719, 0.4075



39.5002, 0.2072, 0.3627

Complementary

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



39.5002, 0.2578, 0.2106



89.9343, 0.3533, 0.4368

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.



39.5002, 0.2709, 0.4495



39.5002, 0.2578, 0.2106



39.5002, 0.4240, 0.4619

Square

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



39.5002, 0.2578, 0.2106



39.5002, 0.4745, 0.3465



39.5002, 0.3503, 0.4859



39.5002, 0.1740, 0.2774

Rectangle

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



39.5002, 0.2578, 0.2106



39.5002, 0.3976, 0.2710



39.5002, 0.3503, 0.4859



39.5002, 0.2255, 0.3941

Sweetspot

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



39.4999, 0.2578, 0.2106



78.0786, 0.2993, 0.2979



69.1173, 0.2520, 0.2972



16.2461, 0.2977, 0.2943



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.



39.4999, 0.2578, 0.2106



32.1230, 0.2448, 0.1856



46.6472, 0.2974, 0.2230



17.6263, 0.3023, 0.3047



4.5586, 0.1679, 0.0699



0.4961, 0.1794, 0.0762

Inverse Universe

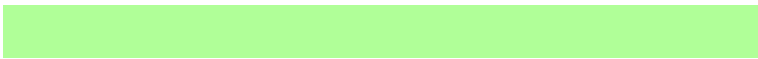
The Inverse Universe completely reimagines the original color for something new.



49.1893, 0.3425, 0.2546



43.1143, 0.3500, 0.2413



83.0167, 0.3208, 0.4489



18.2076, 0.3182, 0.3121



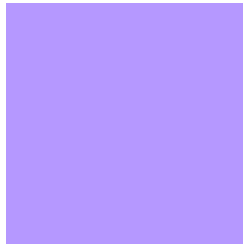
12.9204, 0.4084, 0.2023



1.2768, 0.3960, 0.1955

Previews

White Background



This preview shows how the Yxy color 39.5002, 0.2578, 0.2106 looks on a white background.

Color Contrast Check

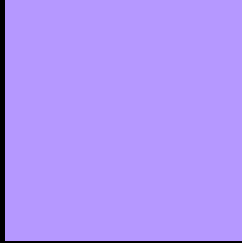
Large Text (above 18pt) WCAG AA × Fail

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 39.5002, 0.2578, 0.2106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

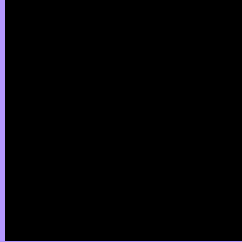
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5002, 0.2578, 0.2106

Background



This preview shows how black text looks on a background with the Yxy color 39.5002, 0.2578, 0.2106.



This preview shows how white text looks on a background with the Yxy color 39.5002, 0.2578, 0.2106.

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

39.5002, 0.2578, 0.2106

Protanopia

39.8108, 0.2309, 0.2189

Deuteranopia

39.8588, 0.2294, 0.2234



Tritanopia

39.5569, 0.3010, 0.3111

Trichromacy



Original Color

39.5002, 0.2578, 0.2106



Protanomaly

39.4820, 0.2396, 0.2154



Deuteranomaly

39.3221, 0.2383, 0.2177



Tritanomaly

39.1654, 0.2839, 0.2691

Monochromacy



Original Color

39.5002, 0.2578, 0.2106



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

40.2885, 0.2912, 0.2807

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5002, 0.2578, 0.2106 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(181, 152, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 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(181, 152, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 152, 255) }
```

Border

The CSS property to change the border of an element to Yxy 39.5002, 0.2578, 0.2106 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(181, 152, 255) }
```

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

```
.border{ border-color:rgb(181, 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(181, 152, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 152, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 152, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 152,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5002, 0.2578, 0.2106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 152, 255) }
```

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

```
.background{ background-color: rgb(181,  
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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