

Converting Colors

$Y_{xy}(38.5422, 0.2593, 0.2068)$

Have a look what the booklet for
Yxy(38.5422, 0.2593, 0.2068)
contains.

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Color

Yxy(38.5902, 0.2596, 0.2069)

Conversions

Conversions Part 1

Format	Color
Hex	B894FF
RGB	184, 148, 255
RGB Percent	72%, 58%, 100%
CMY	0.2781, 0.4197, 0.0000
CMYK	0.28, 0.42, 0.00, 0.00
HSL	260°, 100%, 79%
HSV	260°, 42%, 100%
XYZ	48.4196, 38.5902, 99.5064
YIQ	170.9620, -12.8910, 40.9090

Conversions

Conversions Part 2

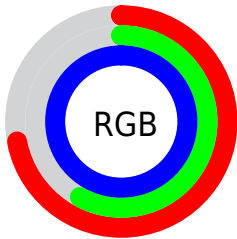
Format	Color
RYB	184, 148, 255
Decimal	12096767
CIELab	68.45, 35.31, -48.48
CIElCh	68, 59.971, 306.066
Yxy	38.5902, 0.2596, 0.2069
Android (android.graphics.Color)	4290286847 (0xFFB894FF)
YUV	170.9620, 41.4307, 11.4343
Hunter-Lab	62.1210, 30.4183, -51.4869

Details

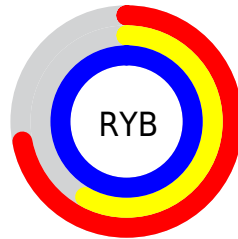
The Yxy color **38.5902, 0.2596, 0.2069** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **88.7025, 0.3507, 0.4426**, and the grayscale version is **40.5011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3383, 0.3057, 0.2756**, and **17.2158, 0.2432, 0.1791** is the 20% darker color. If you saturate the color by 10%, you get **29.4905, 0.2433, 0.1748**, and if you desaturate by 10%, it is **49.7036, 0.2748, 0.2389**.

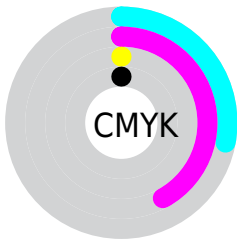
Distribution



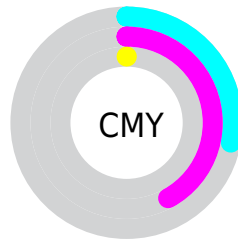
- Red (72%)
- Green (58%)
- Blue (100%)



- Red (72%)
- Yellow (58%)
- Blue (100%)



- Cyan (28%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (28%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5902, 0.2596, 0.2069 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 38.5902, 0.2596, 0.2069 by changing the saturation by 10% instead.


 38.5902, 0.2596,
0.2069


 38.5902, 0.2596,
0.2069


340.1450, 0.2874,
0.2635

 26.4411, 0.2526,
0.1943


 73.0119, 0.2698,
0.2263

 17.1539, 0.2436,
0.1790


 96.0532, 0.2736,
0.2340

 10.3443, 0.2318,
0.1602


123.4941, 0.2768,
0.2406

 5.6278, 0.2158,
0.1367

155.7188, 0.2796,
0.2463

 2.6201, 0.1933,
0.1073

193.1119, 0.2819,
0.2514

 0.9368, 0.1606,
0.0710

236.0577, 0.2840,

 0.0000, 0.1150,

0.2559

0.0000

284.9406, 0.2858,
0.2599

0.0000, 0.0000,
0.0000

38.5902, 0.2596,
0.2069

38.5902, 0.2596,
0.2069

29.4905, 0.2433,
0.1748

49.7036, 0.2748,
0.2389

22.2749, 0.2265,
0.1444

62.9413, 0.2884,
0.2696

16.8042, 0.2100,
0.1174

78.4107, 0.3004,
0.2981

12.9176, 0.1949,
0.0957

96.2102, 0.3108,
0.3242

10.4224, 0.1819,
0.0806

100.0000, 0.3127,
0.3290

■ 9.1986, 0.1733,
0.0728

Harmonies

Analogous

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



38.5902, 0.1982, 0.1980



38.5902, 0.2596, 0.2069



38.5902, 0.3465, 0.2393

Triad

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



38.5902, 0.2596, 0.2069



38.5902, 0.4773, 0.4136



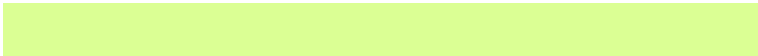
38.5902, 0.1990, 0.3580

Complementary

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



38.5902, 0.2596, 0.2069



88.7025, 0.3507, 0.4426

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.



38.5902, 0.2634, 0.4521



38.5902, 0.2596, 0.2069



38.5902, 0.4242, 0.4704

Square

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



38.5902, 0.2596, 0.2069



38.5902, 0.4842, 0.3501



38.5902, 0.3459, 0.4943



38.5902, 0.1670, 0.2697

Rectangle

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



38.5902, 0.2596, 0.2069



38.5902, 0.4073, 0.2714



38.5902, 0.3459, 0.4943



38.5902, 0.2172, 0.3916

Sweetspot

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



38.5915, 0.2596, 0.2069



76.7117, 0.2993, 0.2953



64.3466, 0.2484, 0.2871



15.6577, 0.2967, 0.2891



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.



38.5915, 0.2596, 0.2069



31.1303, 0.2466, 0.1811



46.4248, 0.3026, 0.2208



17.6754, 0.3032, 0.3048



4.8795, 0.1748, 0.0737



0.5323, 0.1870, 0.0804

Inverse Universe

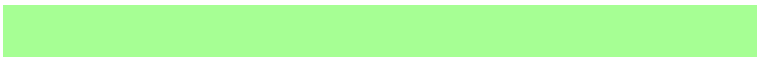
The Inverse Universe completely reimagines the original color for something new.



47.5417, 0.3494, 0.2572



41.3216, 0.3593, 0.2443



81.7442, 0.3167, 0.4558



18.1901, 0.3190, 0.3134



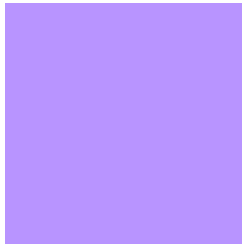
12.6345, 0.4292, 0.2138



1.2506, 0.4136, 0.2052

Previews

White Background



This preview shows how the Yxy color 38.5902, 0.2596, 0.2069 looks on a white background.

Color Contrast Check

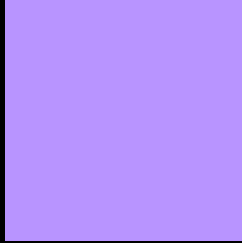
Large Text (above 18pt) WCAG AA × Fail

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 38.5902, 0.2596, 0.2069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

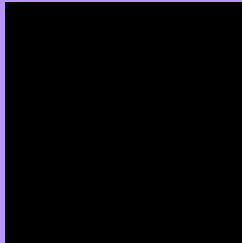
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5902, 0.2596, 0.2069

Background



This preview shows how black text looks on a background with the Yxy color 38.5902, 0.2596, 0.2069.



This preview shows how white text looks on a background with the Yxy color 38.5902, 0.2596, 0.2069.

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

38.5902, 0.2596, 0.2069

Protanopia

38.8393, 0.2287, 0.2159

Deuteranopia

38.8267, 0.2277, 0.2213



Tritanopia

38.5596, 0.3053, 0.3110

Trichromacy



Original Color

38.5902, 0.2596, 0.2069

Protanomaly

38.3491, 0.2384, 0.2115

Deuteranomaly

38.1204, 0.2376, 0.2147

Tritanomaly

38.2512, 0.2870, 0.2678

Monochromacy



Original Color

38.5902, 0.2596, 0.2069

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.6888, 0.2920, 0.2781

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5902, 0.2596, 0.2069 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(184, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 148, 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(184, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 148, 255) }
```

Border

The CSS property to change the border of an element to Yxy 38.5902, 0.2596, 0.2069 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(184, 148, 255) }
```

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

```
.border{ border-color:rgb(184, 148, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 148,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5902, 0.2596, 0.2069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 148, 255) }
```

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

```
.background{ background-color: rgb(184,  
148, 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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