

Converting Colors

$Y_{xy}(39.1297, 0.2774, 0.2148)$

Have a look what the booklet for
Yxy(39.1297, 0.2774, 0.2148)
contains.

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Color

Yxy(39.2456, 0.2774, 0.2146)

Conversions

Conversions Part 1

Format	Color
Hex	C891F7
RGB	200, 145, 247
RGB Percent	78%, 57%, 97%
CMY	0.2158, 0.4313, 0.0313
CMYK	0.19, 0.41, 0.00, 0.03
HSL	272°, 86%, 77%
HSV	272°, 41%, 97%
XYZ	50.7303, 39.2456, 92.9020
YIQ	173.0730, 0.0380, 43.3820

Conversions

Conversions Part 2

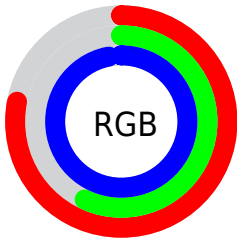
Format	Color
R _Y B	200, 145, 247
Decimal	13144567
CIE Lab	68.93, 39.51, -43.26
CIE LCh	69, 58.591, 312.404
Yxy	39.2456, 0.2774, 0.2146
Android (android.graphics.Color)	4291334647 (0xFFC891F7)
YUV	173.0730, 36.4460, 23.6150
Hunter-Lab	62.6463, 34.9164, -44.0723

Details

The Yxy color **39.2456, 0.2774, 0.2146** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **79.7814, 0.3360, 0.4459**, and the grayscale version is **41.6399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7886, 0.3152, 0.2752**, and **17.4757, 0.2658, 0.1880** is the 20% darker color. If you saturate the color by 10%, you get **30.9908, 0.2659, 0.1855**, and if you desaturate by 10%, it is **49.2612, 0.2878, 0.2441**.

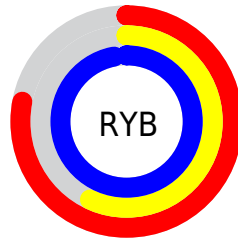
Distribution



Red (78%)

Green (57%)

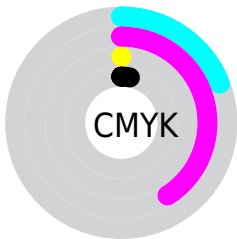
Blue (97%)



Red (78%)

Yellow (57%)

Blue (97%)

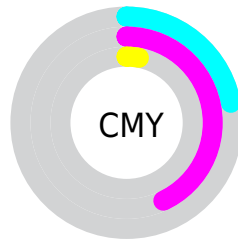


Cyan (19%)

Magenta (41%)

Yellow (0%)

Black (3%)



Cyan (22%)


Magenta (43%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2456, 0.2774, 0.2146 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 39.2456, 0.2774, 0.2146 by changing the saturation by 10% instead.


 39.2456, 0.2774,
0.2146


 39.2456, 0.2774,
0.2146


342.9335, 0.2966,
0.2677

 26.9508, 0.2724,
0.2027


 74.0134, 0.2846,
0.2329

 17.5363, 0.2658,
0.1882


 97.2552, 0.2872,
0.2401

 10.6176, 0.2570,
0.1702


124.9147, 0.2894,
0.2462

 5.8103, 0.2447,
0.1475

157.3765, 0.2913,
0.2516

 2.7301, 0.2266,
0.1185

195.0249, 0.2929,
0.2564

 0.9925, 0.1989,
0.0818

238.2443, 0.2943,

 0.0000, 0.1600,

0.2606

0.0000

287.4190, 0.2955,
0.2643

0.0000, 0.0000,
0.0000

39.2456, 0.2774,
0.2146

39.2456, 0.2774,
0.2146

30.9908, 0.2659,
0.1855

49.2612, 0.2878,
0.2441

24.3821, 0.2538,
0.1582

61.1331, 0.2971,
0.2730

19.2983, 0.2413,
0.1341

74.9554, 0.3051,
0.3004

15.5987, 0.2290,
0.1146

90.8142, 0.3119,
0.3259

13.1146, 0.2176,
0.1005

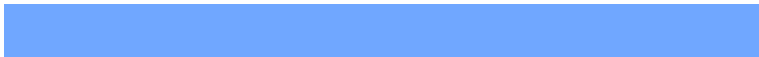
99.4958, 0.3173,
0.3366

■ 11.7129, 0.2084,
0.0922

Harmonies

Analogous

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



39.2456, 0.2112, 0.2008



39.2456, 0.2774, 0.2146



39.2456, 0.3648, 0.2507

Triad

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



39.2456, 0.2774, 0.2146



39.2456, 0.4655, 0.4250



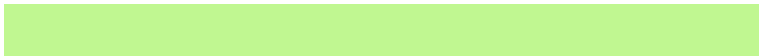
39.2456, 0.1925, 0.3372

Complementary

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



39.2456, 0.2774, 0.2146



79.7814, 0.3360, 0.4459

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.



39.2456, 0.2495, 0.4314



39.2456, 0.2774, 0.2146



39.2456, 0.4071, 0.4757

Square

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



39.2456, 0.2774, 0.2146



39.2456, 0.4827, 0.3633



39.2456, 0.3283, 0.4865



39.2456, 0.1679, 0.2577

Rectangle

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



39.2456, 0.2774, 0.2146



39.2456, 0.4216, 0.2842



39.2456, 0.3283, 0.4865



39.2456, 0.2081, 0.3693

Sweetspot

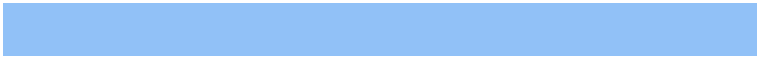
The Sweet Spot groups the original color and five complimentary colors.



39.2472, 0.2774, 0.2146



79.4284, 0.3045, 0.2984



50.7040, 0.2453, 0.2621



16.5630, 0.3035, 0.2949



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.



39.2472, 0.2774, 0.2146



34.2933, 0.2674, 0.1890



46.5375, 0.3204, 0.2302



16.3666, 0.3064, 0.3051



6.2797, 0.2101, 0.0931



0.6130, 0.2231, 0.1003

Inverse Universe

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



43.8370, 0.3691, 0.2790



40.1254, 0.3873, 0.2689



74.6977, 0.3050, 0.4528



16.6096, 0.3221, 0.3181



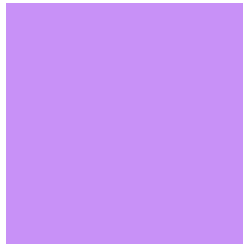
11.1269, 0.5125, 0.2597



0.9985, 0.4824, 0.2431

Previews

White Background



This preview shows how the Yxy color 39.2456, 0.2774, 0.2146 looks on a white background.

Color Contrast Check

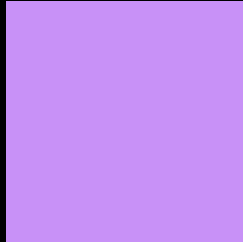
Large Text (above 18pt) WCAG AA × Fail

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 39.2456, 0.2774, 0.2146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

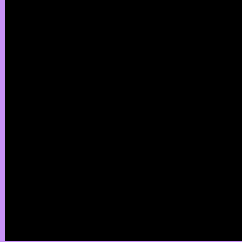
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2456, 0.2774, 0.2146

Background



This preview shows how black text looks on a background with the Yxy color 39.2456, 0.2774, 0.2146.



This preview shows how white text looks on a background with the Yxy color 39.2456, 0.2774, 0.2146.

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

39.2456, 0.2774, 0.2146

Protanopia

39.8108, 0.2309, 0.2189

Deuteranopia

39.5975, 0.2383, 0.2322



Tritanopia

39.2371, 0.3269, 0.3119

Trichromacy



Original Color

39.2456, 0.2774, 0.2146



Protanomaly

38.9556, 0.2454, 0.2158



Deuteranomaly

38.9050, 0.2508, 0.2247



Tritanomaly

38.8662, 0.3070, 0.2712

Monochromacy



Original Color

39.2456, 0.2774, 0.2146



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

40.4318, 0.2997, 0.2814

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2456, 0.2774, 0.2146 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(200, 145, 247)` looks like.

```
.text, #text, p{  
    color:rgb(200, 145, 247)  
}
```

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(200, 145, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 145, 247) }
```

Border

The CSS property to change the border of an element to Yxy 39.2456, 0.2774, 0.2146 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(200, 145, 247) }
```

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

```
.border{ border-color:rgb(200, 145, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 145, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 145, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 145, 247);  
box-shadow:4px 4px 4px 4px rgb(200, 145,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2456, 0.2774, 0.2146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 145, 247) }
```

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

```
.background{ background-color: rgb(200,  
145, 247) }
```

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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