

Converting Colors

$Y_{xy}(39.7535, 0.2705, 0.2125)$

Have a look what the booklet for
Yxy(39.7535, 0.2705, 0.2125)
contains.

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Color

Yxy(39.8102, 0.2701, 0.2122)

Conversions

Conversions Part 1

Format	Color
Hex	C394FC
RGB	195, 148, 252
RGB Percent	76%, 58%, 99%
CMY	0.2352, 0.4196, 0.0117
CMYK	0.23, 0.41, 0.00, 0.01
HSL	267°, 95%, 78%
HSV	267°, 41%, 99%
XYZ	50.6726, 39.8102, 97.1241
YIQ	173.9090, -5.3720, 42.3080

Conversions

Conversions Part 2

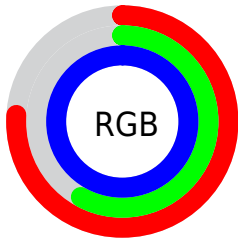
Format	Color
R _Y B	195, 148, 252
Decimal	12817660
CIE _{Lab}	69.33, 37.61, -45.40
CIE _{LCh}	69, 58.952, 309.641
Yxy	39.8102, 0.2701, 0.2122
Android (android.graphics.Color)	4291007740 (0xFFC394FC)
YUV	173.9090, 38.4989, 18.4968
Hunter-Lab	63.0953, 32.9388, -47.0998

Details

The Yxy color **39.8102, 0.2701, 0.2122** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **84.7479, 0.3420, 0.4437**, and the grayscale version is **42.0808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8145, 0.3136, 0.2779**, and **17.7948, 0.2565, 0.1849** is the 20% darker color. If you saturate the color by 10%, you get **30.9931, 0.2565, 0.1818**, and if you desaturate by 10%, it is **50.5215, 0.2826, 0.2428**.

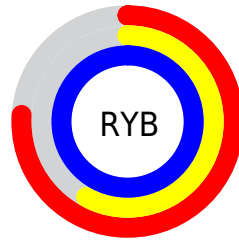
Distribution



Red (76%)

Green (58%)

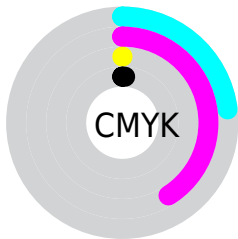
Blue (99%)



Red (76%)

Yellow (58%)

Blue (99%)

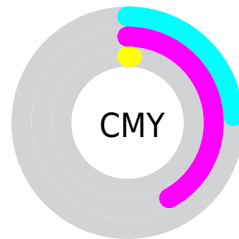


Cyan (23%)

Magenta (41%)

Yellow (0%)

Black (1%)



Cyan (24%)


Magenta (42%)


Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.8102, 0.2701, 0.2122 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 39.8102, 0.2701, 0.2122 by changing the saturation by 10% instead.

 39.8102, 0.2701,
0.2122

 39.8102, 0.2701,
0.2122


345.3229, 0.2927,
0.2662

 27.3906, 0.2643,
0.2001


 74.8744, 0.2785,
0.2308

 17.8668, 0.2568,
0.1855


 98.2878, 0.2816,
0.2381

 10.8544, 0.2468,
0.1674


126.1346, 0.2842,
0.2444

 5.9690, 0.2331,
0.1447

158.7991, 0.2864,
0.2498

 2.8262, 0.2135,
0.1159

196.6658, 0.2883,
0.2547

 1.0417, 0.1841,
0.0797

240.1191, 0.2900,


 0.0000, 0.1439,


0.2590


0.0000


289.5433, 0.2914,
0.2628


 0.0000, 0.0000,
0.0000

 39.8102, 0.2701,
0.2122


 39.8102, 0.2701,
0.2122


 30.9931, 0.2565,
0.1818

 50.5215, 0.2826,
0.2428

 23.9479, 0.2422,
0.1529


 63.2292, 0.2937,
0.2724


 18.5451, 0.2277,
0.1273

 78.0338, 0.3034,
0.3002

 14.6347, 0.2138,
0.1065

 95.0276, 0.3117,
0.3259

 12.0371, 0.2012,
0.0915

 99.8095, 0.3144,
0.3318

■ 10.6030, 0.1915,
0.0829

Harmonies

Analogous

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



39.8102, 0.2064, 0.2006



39.8102, 0.2701, 0.2122



39.8102, 0.3565, 0.2465

Triad

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



39.8102, 0.2701, 0.2122



39.8102, 0.4693, 0.4196



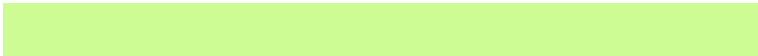
39.8102, 0.1963, 0.3460

Complementary

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



39.8102, 0.2701, 0.2122



84.7479, 0.3420, 0.4437

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.



39.8102, 0.2561, 0.4391



39.8102, 0.2701, 0.2122



39.8102, 0.4138, 0.4724

Square

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



39.8102, 0.2701, 0.2122



39.8102, 0.4819, 0.3576



39.8102, 0.3359, 0.4884



39.8102, 0.1687, 0.2635

Rectangle

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



39.8102, 0.2701, 0.2122



39.8102, 0.4145, 0.2792



39.8102, 0.3359, 0.4884



39.8102, 0.2129, 0.3783

Sweetspot

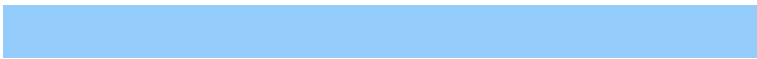
The Sweet Spot groups the original color and five complimentary colors.



39.8118, 0.2701, 0.2122



78.9644, 0.3028, 0.2983



57.0861, 0.2470, 0.2729



16.4539, 0.3016, 0.2947



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.



39.8118, 0.2701, 0.2122



32.8605, 0.2582, 0.1855



47.9475, 0.3131, 0.2259



17.0272, 0.3050, 0.3050



5.6072, 0.1932, 0.0838



0.5813, 0.2064, 0.0910

Inverse Universe

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



46.2831, 0.3602, 0.2699



40.6157, 0.3749, 0.2580



78.5617, 0.3096, 0.4561



17.3844, 0.3208, 0.3161



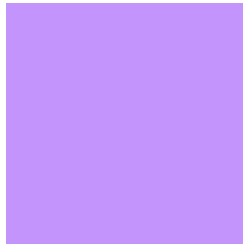
11.7675, 0.4760, 0.2396



1.1113, 0.4523, 0.2265

Previews

White Background



This preview shows how the Yxy color 39.8102, 0.2701, 0.2122 looks on a white background.

Color Contrast Check

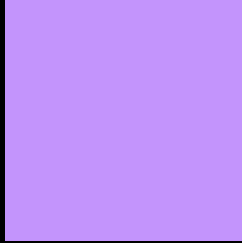
Large Text (above 18pt) WCAG AA × Fail

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 39.8102, 0.2701, 0.2122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

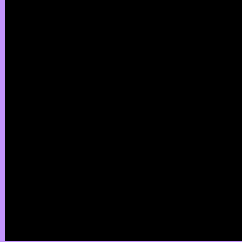
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8102, 0.2701, 0.2122

Background



This preview shows how black text looks on a background with the Yxy color 39.8102, 0.2701, 0.2122.



This preview shows how white text looks on a background with the Yxy color 39.8102, 0.2701, 0.2122.

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

39.8102, 0.2701, 0.2122

Protanopia

40.2607, 0.2317, 0.2203

Deuteranopia

40.1009, 0.2348, 0.2282



Tritanopia

39.6703, 0.3182, 0.3117

Trichromacy



Original Color

39.8102, 0.2701, 0.2122



Protanomaly

39.6683, 0.2439, 0.2162



Deuteranomaly

39.5984, 0.2462, 0.2218



Tritanomaly

39.3781, 0.2999, 0.2708

Monochromacy



Original Color

39.8102, 0.2701, 0.2122



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

41.1196, 0.2972, 0.2815

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8102, 0.2701, 0.2122 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(195, 148, 252)` looks like.

```
.text, #text, p{  
    color:rgb(195, 148, 252)  
}
```

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(195, 148, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 148, 252) }
```

Border

The CSS property to change the border of an element to Yxy 39.8102, 0.2701, 0.2122 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(195, 148, 252) }
```

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

```
.border{ border-color:rgb(195, 148, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 148, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 148, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 148, 252);  
box-shadow:4px 4px 4px 4px rgb(195, 148,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8102, 0.2701, 0.2122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 148, 252) }
```

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

```
.background{ background-color: rgb(195,  
148, 252) }
```

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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