

Converting Colors

$Y_{xy}(39.2053, 0.2849, 0.2153)$

Have a look what the booklet for
Yxy(39.2053, 0.2849, 0.2153)
contains.

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Color

Yxy(39.2040, 0.2846, 0.2150)

Conversions

Conversions Part 1

Format	Color
Hex	CF8EF5
RGB	207, 142, 245
RGB Percent	81%, 56%, 96%
CMY	0.1881, 0.4432, 0.0391
CMYK	0.16, 0.42, 0.00, 0.04
HSL	278°, 84%, 76%
HSV	278°, 42%, 96%
XYZ	51.8952, 39.2040, 91.2450
YIQ	173.1770, 5.6770, 45.8130

Conversions

Conversions Part 2

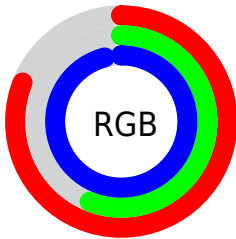
Format	Color
RYB	207, 142, 245
Decimal	13602549
CIELab	68.90, 42.72, -42.18
CIElCh	69, 60.036, 315.364
Yxy	39.2040, 0.2846, 0.2150
Android (android.graphics.Color)	4291792629 (0xFFCF8EF5)
YUV	173.1770, 35.4087, 29.6628
Hunter-Lab	62.6131, 38.3719, -42.5732

Details

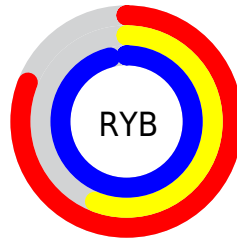
The Yxy color **39.2040, 0.2846, 0.2150** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **76.9812, 0.3300, 0.4507**, and the grayscale version is **41.6991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4125, 0.3154, 0.2722**, and **17.5225, 0.2752, 0.1892** is the 20% darker color. If you saturate the color by 10%, you get **31.4340, 0.2755, 0.1875**, and if you desaturate by 10%, it is **48.6541, 0.2929, 0.2434**.

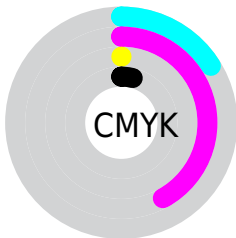
Distribution



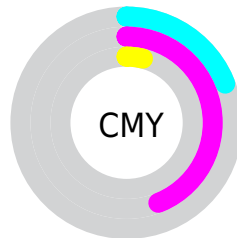
- Red (81%)
- Green (56%)
- Blue (96%)



- Red (81%)
- Yellow (56%)
- Blue (96%)



- Cyan (16%)
- Magenta (42%)
- Yellow (0%)
- Black (4%)





- Cyan (19%)
- Magenta (44%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2040, 0.2846, 0.2150 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 39.2040, 0.2846, 0.2150 by changing the saturation by 10% instead.


 39.2040, 0.2846,
0.2150


 39.2040, 0.2846,
0.2150

342.7570, 0.3003,
0.2678

 26.9185, 0.2803,
0.2032


 73.9499, 0.2906,
0.2332

 17.5120, 0.2748,
0.1887


 97.1790, 0.2928,
0.2403

 10.6002, 0.2672,
0.1708


124.8247, 0.2946,
0.2465

 5.7987, 0.2564,
0.1483

157.2715, 0.2961,
0.2518

 2.7231, 0.2404,
0.1195

194.9038, 0.2974,
0.2566

 0.9889, 0.2150,
0.0828

238.1058, 0.2985,


 0.0000, 0.1794,


0.2607


0.0000

287.2621, 0.2995,
0.2645


 0.0000, 0.0000,
0.0000

 39.2040, 0.2846,
0.2150


 39.2040, 0.2846,
0.2150


 31.4340, 0.2755,
0.1875

 48.6541, 0.2929,
0.2434


 25.2319, 0.2657,
0.1620

 59.8773, 0.3001,
0.2715


 20.4791, 0.2556,
0.1400

 72.9651, 0.3064,
0.2985

 17.0374, 0.2455,
0.1225

 88.0015, 0.3117,
0.3240

 14.7403, 0.2359,
0.1101

 98.8505, 0.3167,
0.3386

■ 13.5287, 0.2287,
0.1033

■ 99.3747, 0.3185,
0.3386

Harmonies

Analogous

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



39.2040, 0.2143, 0.1985



39.2040, 0.2846, 0.2150



39.2040, 0.3751, 0.2537

Triad

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



39.2040, 0.2846, 0.2150



39.2040, 0.4643, 0.4324



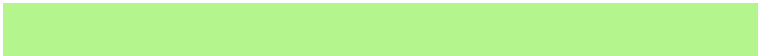
39.2040, 0.1859, 0.3278

Complementary

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



39.2040, 0.2846, 0.2150



76.9812, 0.3300, 0.4507

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.



39.2040, 0.2408, 0.4255



39.2040, 0.2846, 0.2150



39.2040, 0.4014, 0.4825

Square

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



39.2040, 0.2846, 0.2150



39.2040, 0.4874, 0.3697



39.2040, 0.3198, 0.4884



39.2040, 0.1643, 0.2496

Rectangle

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



39.2040, 0.2846, 0.2150



39.2040, 0.4319, 0.2886



39.2040, 0.3198, 0.4884



39.2040, 0.2006, 0.3603

Sweetspot

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



39.2056, 0.2846, 0.2150



78.3971, 0.3059, 0.2960



45.5910, 0.2422, 0.2495



16.0729, 0.3045, 0.2901



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.



39.2056, 0.2846, 0.2150



35.9338, 0.2773, 0.1927



44.6446, 0.3281, 0.2360



16.4450, 0.3079, 0.3052



7.3672, 0.2301, 0.1041



0.7058, 0.2414, 0.1104

Inverse Universe

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



42.0559, 0.3807, 0.2881



39.6449, 0.4007, 0.2807



73.4086, 0.3006, 0.4444



16.5836, 0.3235, 0.3203



10.8834, 0.5505, 0.2806



0.9757, 0.5162, 0.2617

Previews

White Background



This preview shows how the Yxy color 39.2040, 0.2846, 0.2150 looks on a white background.

Color Contrast Check

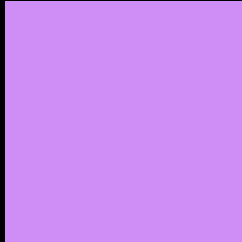
Large Text (above 18pt) WCAG AA × Fail

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 39.2040, 0.2846, 0.2150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

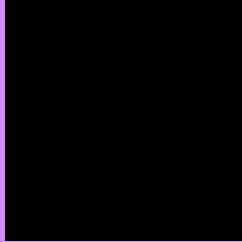
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2040, 0.2846, 0.2150

Background



This preview shows how black text looks on a background with the Yxy color 39.2040, 0.2846, 0.2150.

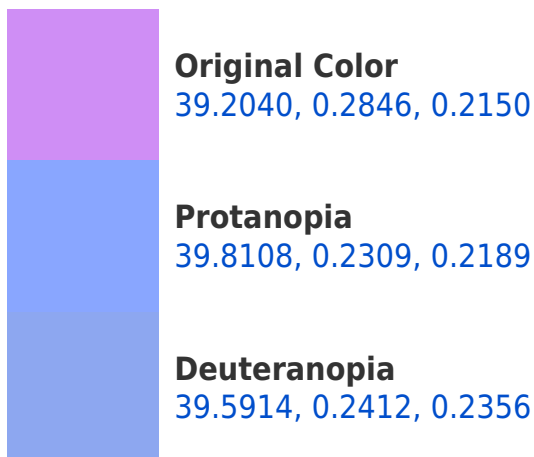


This preview shows how white text looks on a background with the Yxy color 39.2040, 0.2846, 0.2150.

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





Tritanopia

38.9961, 0.3369, 0.3122

Trichromacy



Original Color

39.2040, 0.2846, 0.2150



Protanomaly

38.7604, 0.2471, 0.2159



Deuteranomaly

38.8639, 0.2547, 0.2262



Tritanomaly

38.6758, 0.3163, 0.2720

Monochromacy



Original Color

39.2040, 0.2846, 0.2150



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

40.2785, 0.3023, 0.2816

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2040, 0.2846, 0.2150 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(207, 142, 245)` looks like.

```
.text, #text, p{  
    color:rgb(207, 142, 245)  
}
```

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(207, 142, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 142, 245) }
```

Border

The CSS property to change the border of an element to Yxy 39.2040, 0.2846, 0.2150 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(207, 142, 245) }
```

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

```
.border{ border-color:rgb(207, 142, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 142, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 142, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 142, 245);  
box-shadow:4px 4px 4px 4px rgb(207, 142,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2040, 0.2846, 0.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 142, 245) }
```

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

```
.background{ background-color: rgb(207,  
142, 245) }
```

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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