

Converting Colors

$Yxy(88.8829, 0.3675, 0.4650)$

Have a look what the booklet for
Yxy(88.8829, 0.3675, 0.4650)
contains.

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Color

Yxy(88.9327, 0.3679, 0.4653)

Conversions

Conversions Part 1

Format	Color
Hex	E1FF7A
RGB	225, 255, 122
RGB Percent	88%, 100%, 48%
CMY	0.1178, 0.0000, 0.5215
CMYK	0.12, 0.00, 0.52, 0.00
HSL	74°, 100%, 74%
HSV	74°, 52%, 100%
XYZ	70.3167, 88.9327, 31.8805
YIQ	230.8680, 24.8130, -47.7230

Conversions

Conversions Part 2

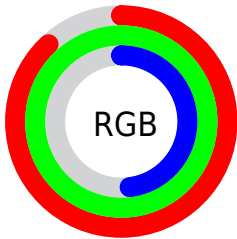
Format	Color
RYB	122, 255, 152
Decimal	14811002
CIELab	95.55, -28.62, 59.53
CIELCh	96, 66.046, 115.675
Yxy	88.9327, 0.3679, 0.4653
Android (android.graphics.Color)	4293001082 (0xFFE1FF7A)
YUV	230.8680, -53.6719, -5.1462
Hunter-Lab	94.3041, -31.9360, 45.9693

Details

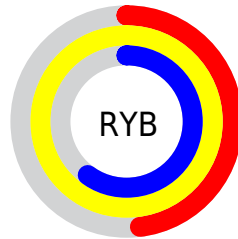
The Yxy color **88.9327, 0.3679, 0.4653** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **27.8284, 0.2319, 0.1699**, and the grayscale version is **80.1937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9543, 0.3591, 0.4057**, and **49.0210, 0.3749, 0.4943** is the 20% darker color. If you saturate the color by 10%, you get **87.4656, 0.3749, 0.4882**, and if you desaturate by 10%, it is **90.5860, 0.3590, 0.4399**.

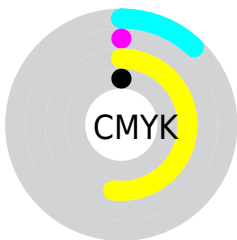
Distribution



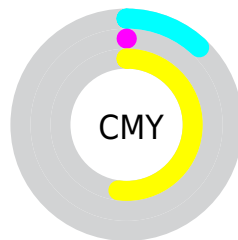
- Red (88%)
- Green (100%)
- Blue (48%)



- Red (48%)
- Yellow (100%)
- Blue (60%)



- Cyan (12%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.9327, 0.3679, 0.4653 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 88.9327, 0.3679, 0.4653 by changing the saturation by 10% instead.


 88.9327, 0.3679,
0.4653


 88.9327, 0.3679,
0.4653

524.5528, 0.3467,
0.4033

 67.0958, 0.3715,
0.4787


 145.8550, 0.3616,
0.4443

 49.1625, 0.3751,
0.4947


 181.7091, 0.3588,
0.4360

 34.7484, 0.3787,
0.5140

 223.0044, 0.3563,
0.4288

 23.4691, 0.3814,
0.5375

270.1254, 0.3540,
0.4224

 14.9403, 0.3819,
0.5659

323.4563, 0.3519,
0.4168

 8.7775, 0.3826,
0.6088

383.3816, 0.3500,

 4.5963, 0.3605,

0.4118

0.6395

450.2856, 0.3483,
0.4074

■ 2.0124, 0.3188,
0.6812

■ 0.6147, 0.0000,
1.0000

■ 88.9327, 0.3679,
0.4653

■ 88.9327, 0.3679,
0.4653

■ 87.4656, 0.3749,
0.4882

■ 90.5860, 0.3590,
0.4399

■ 86.1874, 0.3795,
0.5074

■ 92.4539, 0.3488,
0.4131


■ 85.0771, 0.3816,
0.5222

■ 94.5420, 0.3378,
0.3861

■ 84.1159, 0.3810,
0.5322

■ 96.8606, 0.3264,
0.3595

 83.4437, 0.3791,
0.5372

 99.4190, 0.3151,
0.3342

100.0000, 0.3127,
0.3290

Harmonies

Analogous

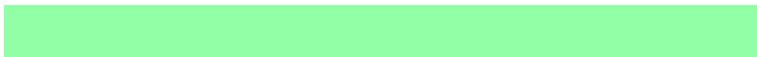
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9327, 0.4281, 0.4367



88.9327, 0.3679, 0.4653



88.9327, 0.2966, 0.4478

Triad

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



88.9327, 0.3679, 0.4653



88.9327, 0.1843, 0.2470



88.9327, 0.3910, 0.2799

Complementary

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



88.9327, 0.3679, 0.4653



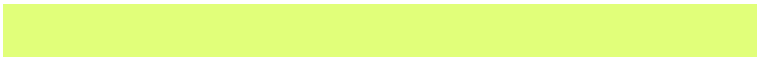
27.8284, 0.2319, 0.1699

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.



88.9327, 0.3151, 0.2402



88.9327, 0.3679, 0.4653



88.9327, 0.2022, 0.2195

Square

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



88.9327, 0.3679, 0.4653



88.9327, 0.1943, 0.3039



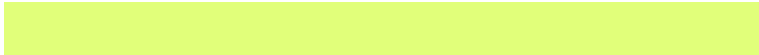
88.9327, 0.2471, 0.2186



88.9327, 0.4466, 0.3311

Rectangle

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



88.9327, 0.3679, 0.4653



88.9327, 0.2524, 0.4076



88.9327, 0.2471, 0.2186



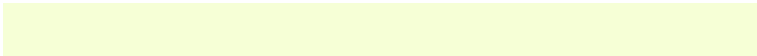
88.9327, 0.3664, 0.2650

Sweetspot

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



88.9273, 0.3679, 0.4653



95.9389, 0.3308, 0.3697



44.7476, 0.4476, 0.3590



20.4326, 0.3331, 0.3751



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

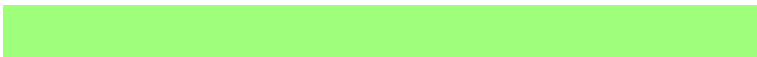
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9273, 0.3679, 0.4653



87.3494, 0.3754, 0.4900



80.3691, 0.3252, 0.4865



20.8717, 0.3234, 0.3527



43.6709, 0.3798, 0.5366



4.3003, 0.3845, 0.5329

Inverse Universe

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



27.8284, 0.2319, 0.1699



20.0845, 0.2117, 0.1354



35.9480, 0.2852, 0.1908



17.5756, 0.3014, 0.3047



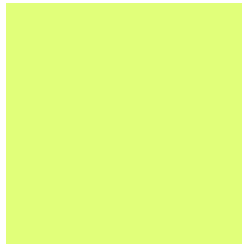
4.2906, 0.1620, 0.0666



0.4639, 0.1724, 0.0723

Previews

White Background



This preview shows how the Yxy color 88.9327, 0.3679, 0.4653 looks on a white background.

Color Contrast Check

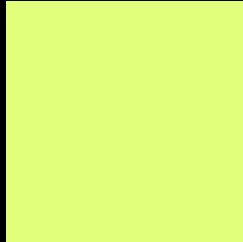
Large Text (above 18pt) WCAG AA × Fail

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 88.9327, 0.3679, 0.4653 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 88.9327, 0.3679, 0.4653

Background



This preview shows how black text looks on a background with the Yxy color 88.9327, 0.3679, 0.4653.

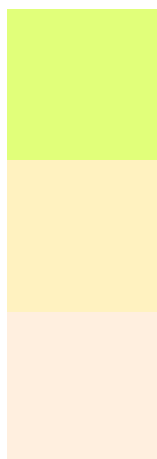


This preview shows how white text looks on a background with the Yxy color 88.9327, 0.3679, 0.4653.

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

88.9327, 0.3679, 0.4653

Protanopia

88.5700, 0.3531, 0.3790

Deuteranopia

88.3207, 0.3336, 0.3449



Tritanopia

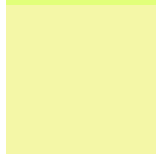
88.8314, 0.3044, 0.3152

Trichromacy



Original Color

88.9327, 0.3679, 0.4653



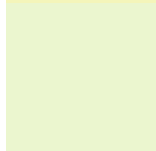
Protanomaly

88.5446, 0.3596, 0.4106



Deuteranomaly

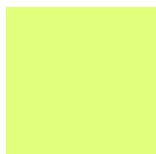
88.0831, 0.3485, 0.3894



Tritanomaly

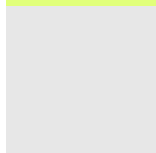
88.0787, 0.3291, 0.3694

Monochromacy



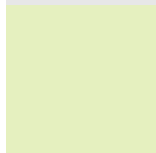
Original Color

88.9327, 0.3679, 0.4653



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

82.7398, 0.3358, 0.3812

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9327, 0.3679, 0.4653 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(225, 255, 122)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 122)  
}
```

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(225, 255, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 122) }
```

Border

The CSS property to change the border of an element to Yxy 88.9327, 0.3679, 0.4653 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(225, 255, 122) }
```

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

```
.border{ border-color:rgb(225, 255, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 255, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 122);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9327, 0.3679, 0.4653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 122) }
```

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

```
.background{ background-color: rgb(225,  
255, 122) }
```

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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