

Converting Colors

$Yxy(88.9738, 0.3509, 0.4407)$

Have a look what the booklet for
Yxy(88.9738, 0.3509, 0.4407)
contains.

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Color

Yxy(88.9056, 0.3509, 0.4413)

Conversions

Conversions Part 1

Format	Color
Hex	DCFF95
RGB	220, 255, 149
RGB Percent	86%, 100%, 58%
CMY	0.1374, 0.0000, 0.4157
CMYK	0.14, 0.00, 0.42, 0.00
HSL	80°, 100%, 79%
HSV	80°, 42%, 100%
XYZ	70.6933, 88.9056, 41.8640
YIQ	232.4510, 13.1660, -40.3860

Conversions

Conversions Part 2

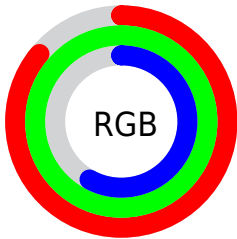
Format	Color
RYB	149, 255, 184
Decimal	14483349
CIELab	95.54, -27.76, 46.88
CIElCh	96, 54.484, 120.632
Yxy	88.9056, 0.3509, 0.4413
Android (android.graphics.Color)	4292673429 (0xFFDCFF95)
YUV	232.4510, -41.1413, -10.9195
Hunter-Lab	94.2898, -31.1775, 39.6785

Details

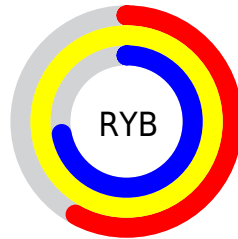
The Yxy color **88.9056, 0.3509, 0.4413** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **38.9053, 0.2597, 0.2080**, and the grayscale version is **81.3511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **49.0192, 0.3563, 0.4669** is the 20% darker color. If you saturate the color by 10%, you get **86.8924, 0.3580, 0.4685**, and if you desaturate by 10%, it is **91.1546, 0.3425, 0.4132**.

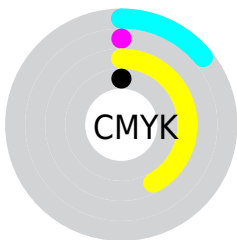
Distribution



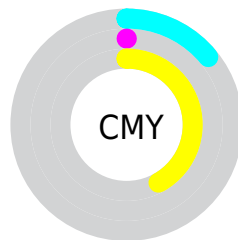
- Red (86%)
- Green (100%)
- Blue (58%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.9056, 0.3509, 0.4413 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 88.9056, 0.3509, 0.4413 by changing the saturation by 10% instead.

 88.9056, 0.3509,
0.4413

 88.9056, 0.3509,
0.4413


524.4644, 0.3359,
0.3895

 67.0733, 0.3536,
0.4528


 145.8173, 0.3463,
0.4235

 49.1442, 0.3565,
0.4669


 181.6655, 0.3443,
0.4165

 34.7339, 0.3596,
0.4843


222.9544, 0.3425,
0.4105

 23.4580, 0.3625,
0.5062

270.0685, 0.3409,
0.4052

 14.9320, 0.3645,
0.5343

323.3922, 0.3395,
0.4006

 8.7717, 0.3636,
0.5709

383.3098, 0.3382,

 4.5926, 0.3644,

0.3965

0.6356

450.2057, 0.3370,
0.3928

■ 2.0103, 0.3239,
0.6761

■ 0.6134, 0.0000,
1.0000

■ 88.9056, 0.3509,
0.4413

■ 88.9056, 0.3509,
0.4413

■ 86.8924, 0.3580,
0.4685

■ 91.1546, 0.3425,
0.4132

■ 85.1154, 0.3632,
0.4936

■ 93.6641, 0.3333,
0.3852

■ 83.5560, 0.3662,
0.5153

■ 96.4407, 0.3238,
0.3582

■ 82.1982, 0.3666,
0.5325

■ 99.4943, 0.3142,
0.3328

■ 81.0227, 0.3645,
0.5446

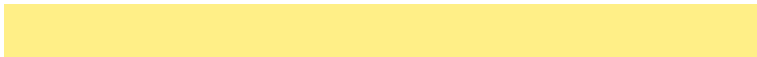
100.0000, 0.3127,
0.3290

■ 80.1492, 0.3612,
0.5514

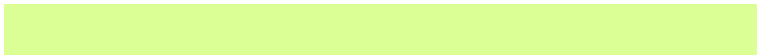
Harmonies

Analogous

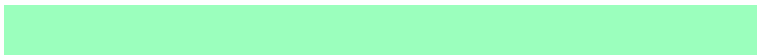
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9056, 0.4033, 0.4259



88.9056, 0.3509, 0.4413



88.9056, 0.2910, 0.4183

Triad

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



88.9056, 0.3509, 0.4413



88.9056, 0.2047, 0.2557



88.9056, 0.3869, 0.2950

Complementary

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



88.9056, 0.3509, 0.4413



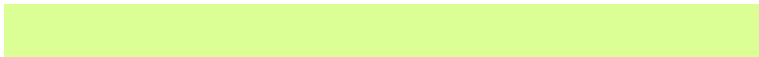
38.9053, 0.2597, 0.2080

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.



88.9056, 0.3258, 0.2584



88.9056, 0.3509, 0.4413



88.9056, 0.2242, 0.2350

Square

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



88.9056, 0.3509, 0.4413



88.9056, 0.2098, 0.3003



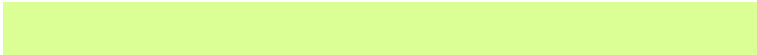
88.9056, 0.2666, 0.2370



88.9056, 0.4276, 0.3403

Rectangle

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



88.9056, 0.3509, 0.4413



88.9056, 0.2551, 0.3830



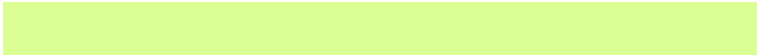
88.9056, 0.2666, 0.2370



88.9056, 0.3677, 0.2815

Sweetspot

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



88.9012, 0.3509, 0.4413



96.3161, 0.3242, 0.3594



57.1161, 0.4052, 0.3644



20.5350, 0.3254, 0.3628



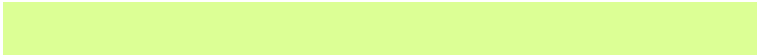
0.0000, 0.0000, 0.0000



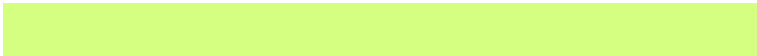
21.4041, 0.3127, 0.3290

Same Dimension

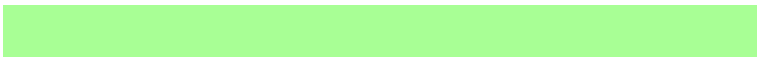
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9012, 0.3509, 0.4413



87.1923, 0.3570, 0.4644



82.0615, 0.3177, 0.4541



20.7724, 0.3218, 0.3528



41.9644, 0.3621, 0.5507



4.1455, 0.3687, 0.5454

Inverse Universe

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



38.9053, 0.2597, 0.2080



31.0329, 0.2459, 0.1808



46.4711, 0.3012, 0.2213



17.6692, 0.3030, 0.3048



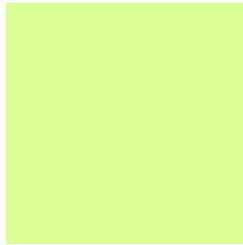
4.8357, 0.1739, 0.0732



0.5275, 0.1860, 0.0798

Previews

White Background



This preview shows how the Yxy color 88.9056, 0.3509, 0.4413 looks on a white background.

Color Contrast Check

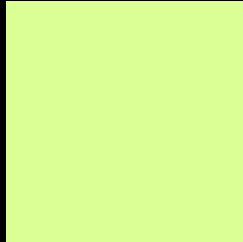
Large Text (above 18pt) WCAG AA × Fail

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 88.9056, 0.3509, 0.4413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

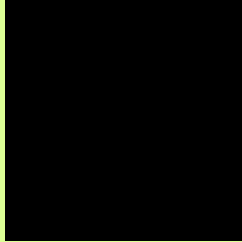
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

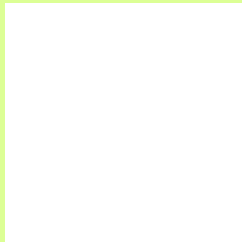
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.9056, 0.3509, 0.4413

Background



This preview shows how black text looks on a background with the Yxy color 88.9056, 0.3509, 0.4413.

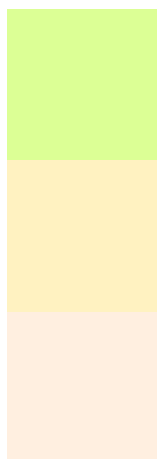


This preview shows how white text looks on a background with the Yxy color 88.9056, 0.3509, 0.4413.

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

88.9056, 0.3509, 0.4413

Protanopia

88.6145, 0.3524, 0.3780

Deuteranopia

88.3748, 0.3329, 0.3439



Tritanopia

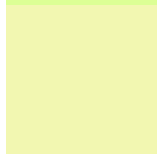
88.7288, 0.3018, 0.3161

Trichromacy



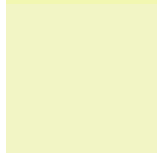
Original Color

88.9056, 0.3509, 0.4413



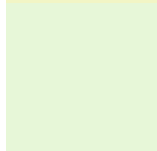
Protanomaly

88.5731, 0.3521, 0.4008



Deuteranomaly

88.2133, 0.3402, 0.3782



Tritanomaly

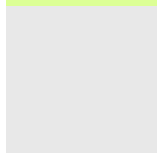
88.4683, 0.3209, 0.3611

Monochromacy



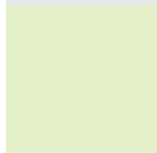
Original Color

88.9056, 0.3509, 0.4413



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

83.0784, 0.3282, 0.3694

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9056, 0.3509, 0.4413 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(220, 255, 149)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 149)  
}
```

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(220, 255, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 149) }
```

Border

The CSS property to change the border of an element to Yxy 88.9056, 0.3509, 0.4413 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(220, 255, 149) }
```

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

```
.border{ border-color:rgb(220, 255, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 255, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 255, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 255, 149); box-shadow:4px 4px 4px 4px rgb(220, 255, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9056, 0.3509, 0.4413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 149) }
```

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

```
.background{ background-color: rgb(220,  
255, 149) }
```

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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