

Converting Colors

Yxy(89.4335, 0.3539, 0.4414)

Have a look what the booklet for
Yxy(89.4335, 0.3539, 0.4414)
contains.

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Color

Yxy(89.5054, 0.3542, 0.4412)

Conversions

Conversions Part 1

Format	Color
Hex	E0FF94
RGB	224, 255, 148
RGB Percent	88%, 100%, 58%
CMY	0.1214, 0.0000, 0.4196
CMYK	0.12, 0.00, 0.42, 0.00
HSL	77°, 100%, 79%
HSV	77°, 42%, 100%
XYZ	71.8559, 89.5054, 41.5068
YIQ	233.5330, 15.8710, -39.8490

Conversions

Conversions Part 2

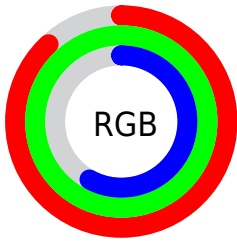
Format	Color
RYB	148, 255, 179
Decimal	14745492
CIELab	95.79, -26.37, 47.73
CIELCh	96, 54.528, 118.921
Yxy	89.5054, 0.3542, 0.4412
Android (android.graphics.Color)	4292935572 (0xFFE0FF94)
YUV	233.5330, -42.1678, -8.3604
Hunter-Lab	94.6073, -29.9889, 40.2130

Details

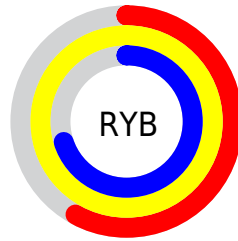
The Yxy color **89.5054, 0.3542, 0.4412** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **37.9795, 0.2557, 0.2057**, and the grayscale version is **82.2314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **49.4299, 0.3604, 0.4664** is the 20% darker color. If you saturate the color by 10%, you get **87.6352, 0.3619, 0.4677**, and if you desaturate by 10%, it is **91.6125, 0.3451, 0.4136**.

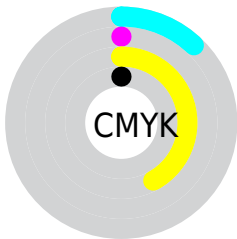
Distribution



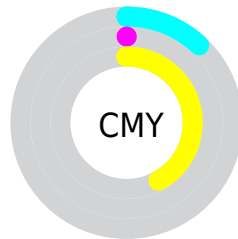
- Red (88%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (70%)



- Cyan (12%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.5054, 0.3542, 0.4412 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 89.5054, 0.3542, 0.4412 by changing the saturation by 10% instead.


 89.5054, 0.3542,
0.4412


 89.5054, 0.3542,
0.4412


526.4206, 0.3377,
0.3897

 67.5705, 0.3572,
0.4526


 146.6512, 0.3491,
0.4236

 49.5484, 0.3605,
0.4665


 182.6309, 0.3469,
0.4166

 35.0547, 0.3640,
0.4836


224.0609, 0.3450,
0.4106

 23.7050, 0.3674,
0.5050


271.3257, 0.3432,
0.4054

 15.1149, 0.3701,
0.5324

324.8097, 0.3417,
0.4008

 8.9001, 0.3700,
0.5676

384.8973, 0.3402,

 4.6761, 0.3715,

0.3967

0.6285

451.9728, 0.3389,
0.3930

■ 2.0585, 0.3336,
0.6664

■ 0.6411, 0.0000,
1.0000

■ 89.5054, 0.3542,
0.4412

■ 89.5054, 0.3542,
0.4412

■ 87.6352, 0.3619,
0.4677

■ 91.6125, 0.3451,
0.4136

■ 85.9777, 0.3678,
0.4919

■ 93.9560, 0.3352,
0.3860

■ 84.5227, 0.3714,
0.5126

■ 96.5504, 0.3249,
0.3592

■ 83.2546, 0.3724,
0.5287

■ 99.4054, 0.3147,
0.3338

■ 82.1541, 0.3708,
0.5400

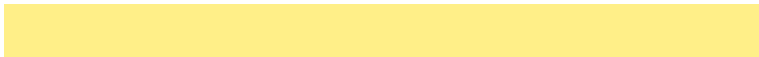
99.9969, 0.3127,
0.3290

■ 81.3680, 0.3681,
0.5459

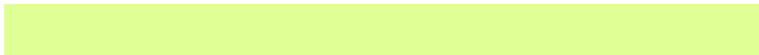
Harmonies

Analogous

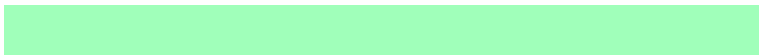
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5054, 0.4056, 0.4241



89.5054, 0.3542, 0.4412



89.5054, 0.2944, 0.4205

Triad

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



89.5054, 0.3542, 0.4412



89.5054, 0.2044, 0.2577



89.5054, 0.3836, 0.2926

Complementary

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



89.5054, 0.3542, 0.4412



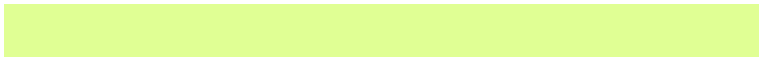
37.9795, 0.2557, 0.2057

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.



89.5054, 0.3222, 0.2568



89.5054, 0.3542, 0.4412



89.5054, 0.2226, 0.2357

Square

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



89.5054, 0.3542, 0.4412



89.5054, 0.2110, 0.3035



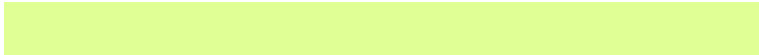
89.5054, 0.2637, 0.2364



89.5054, 0.4260, 0.3376

Rectangle

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



89.5054, 0.3542, 0.4412



89.5054, 0.2579, 0.3863



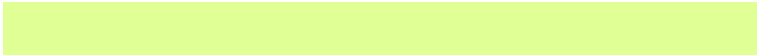
89.5054, 0.2637, 0.2364



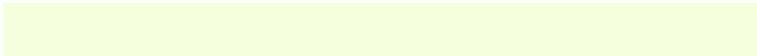
89.5054, 0.3641, 0.2793

Sweetspot

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



89.5094, 0.3542, 0.4412



96.2722, 0.3260, 0.3619



55.3651, 0.4080, 0.3611



20.4802, 0.3283, 0.3678



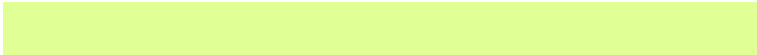
0.0000, 0.0000, 0.0000



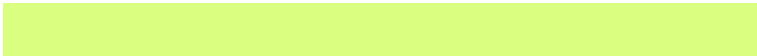
21.4041, 0.3127, 0.3290

Same Dimension

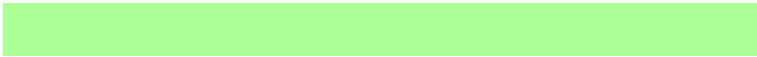
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.5094, 0.3542, 0.4412



87.9886, 0.3606, 0.4627



82.3340, 0.3199, 0.4546



20.8113, 0.3224, 0.3528



42.5985, 0.3690, 0.5452



4.2035, 0.3749, 0.5406

Inverse Universe

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



37.9795, 0.2557, 0.2057



30.4617, 0.2419, 0.1793



45.5257, 0.2981, 0.2194



17.6322, 0.3024, 0.3047



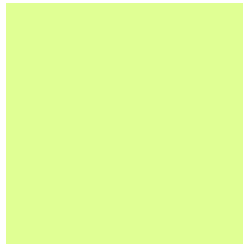
4.5941, 0.1687, 0.0703



0.5002, 0.1803, 0.0767

Previews

White Background



This preview shows how the Yxy color 89.5054, 0.3542, 0.4412 looks on a white background.

Color Contrast Check

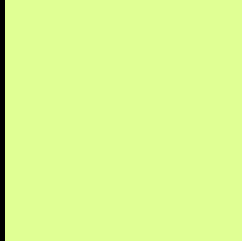
Large Text (above 18pt) WCAG AA × Fail

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 89.5054, 0.3542, 0.4412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

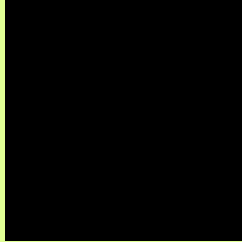
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.5054, 0.3542, 0.4412

Background



This preview shows how black text looks on a background with the Yxy color 89.5054, 0.3542, 0.4412.

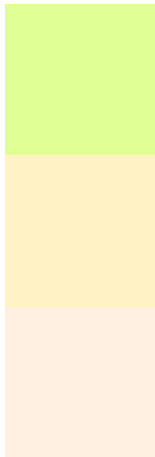


This preview shows how white text looks on a background with the Yxy color 89.5054, 0.3542, 0.4412.

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

89.5054, 0.3542, 0.4412

Protanopia

88.7955, 0.3498, 0.3740

Deuteranopia

89.0712, 0.3315, 0.3428



Tritanopia

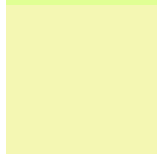
89.2495, 0.3037, 0.3161

Trichromacy



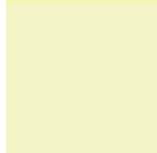
Original Color

89.5054, 0.3542, 0.4412



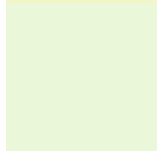
Protanomaly

89.0093, 0.3523, 0.3984



Deuteranomaly

88.6151, 0.3410, 0.3770



Tritanomaly

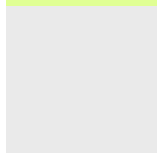
88.9718, 0.3229, 0.3609

Monochromacy



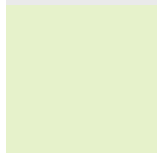
Original Color

89.5054, 0.3542, 0.4412



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.6391, 0.3287, 0.3701

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.5054, 0.3542, 0.4412 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(224, 255, 148)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 148)  
}
```

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(224, 255, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 148) }
```

Border

The CSS property to change the border of an element to Yxy 89.5054, 0.3542, 0.4412 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(224, 255, 148) }
```

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

```
.border{ border-color:rgb(224, 255, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 255, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 148);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 89.5054, 0.3542, 0.4412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 148) }
```

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

```
.background{ background-color: rgb(224,  
255, 148) }
```

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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