

Converting Colors

$Yxy(89.5693, 0.3531, 0.4392)$

Have a look what the booklet for
Yxy(89.5693, 0.3531, 0.4392)
contains.

Yxy(89.5693, 0.3531, 0.4392)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(89.5693, 0.3531, 0.4392)

Conversions

Conversions Part 1

Format	Color
Hex	E0FF96
RGB	224, 255, 150
RGB Percent	88%, 100%, 59%
CMY	0.1215, 0.0000, 0.4117
CMYK	0.12, 0.00, 0.41, 0.00
HSL	78°, 100%, 79%
HSV	78°, 41%, 100%
XYZ	72.0103, 89.5693, 42.3578
YIQ	233.7610, 15.2290, -39.2270

Conversions

Conversions Part 2

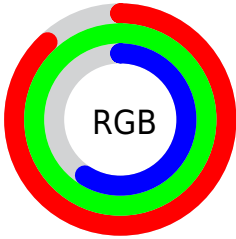
Format	Color
RYB	150, 255, 181
Decimal	14745494
CIELab	95.82, -26.16, 46.79
CIELCh	96, 53.605, 119.208
Yxy	89.5693, 0.3531, 0.4392
Android (android.graphics.Color)	4292935574 (0xFFE0FF96)
YUV	233.7610, -41.2942, -8.5604
Hunter-Lab	94.6411, -29.8051, 39.7128

Details

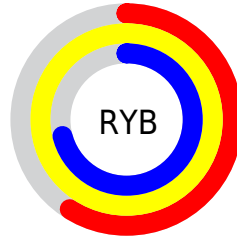
The Yxy color **89.5693, 0.3531, 0.4392** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **38.8669, 0.2575, 0.2084**, and the grayscale version is **82.4038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1878, 0.3424, 0.3780**, and **49.4667, 0.3592, 0.4641** is the 20% darker color. If you saturate the color by 10%, you get **87.6618, 0.3609, 0.4659**, and if you desaturate by 10%, it is **91.7150, 0.3440, 0.4115**.

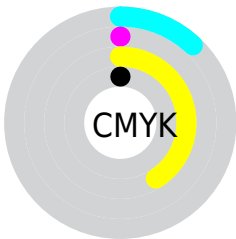
Distribution



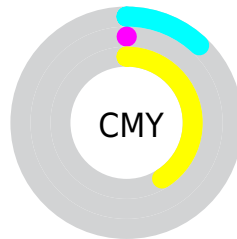
- Red (88%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (71%)



- Cyan (12%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.5693, 0.3531, 0.4392 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 89.5693, 0.3531, 0.4392 by changing the saturation by 10% instead.


 89.5693, 0.3531,
0.4392


 89.5693, 0.3531,
0.4392


526.6288, 0.3370,
0.3886

 67.6235, 0.3560,
0.4504


 146.7400, 0.3481,
0.4219

 49.5915, 0.3593,
0.4641


 182.7336, 0.3460,
0.4150

 35.0889, 0.3628,
0.4809


224.1787, 0.3441,
0.4092

 23.7314, 0.3662,
0.5021

271.4596, 0.3424,
0.4040

 15.1345, 0.3690,
0.5293

324.9606, 0.3408,
0.3995

 8.9138, 0.3692,
0.5644


385.0662, 0.3395,


 4.6850, 0.3726,


0.3954


0.6274

452.1608, 0.3382,
0.3918


 2.0637, 0.3350,
0.6650


 0.6441, 0.0000,
1.0000


 89.5693, 0.3531,
0.4392


 89.5693, 0.3531,
0.4392

 87.6618, 0.3609,
0.4659


 91.7150, 0.3440,
0.4115

 85.9708, 0.3668,
0.4905

 94.1010, 0.3342,
0.3839

 84.4856, 0.3705,
0.5116

 96.7407, 0.3240,
0.3571

 83.1905, 0.3716,
0.5283

 99.6440, 0.3139,
0.3318

■ 82.0666, 0.3701,
0.5400

100.0000, 0.3127,
0.3290

■ 81.1908, 0.3671,
0.5467

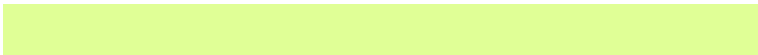
Harmonies

Analogous

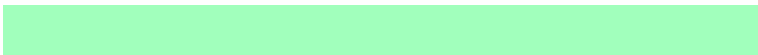
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5693, 0.4038, 0.4229



89.5693, 0.3531, 0.4392



89.5693, 0.2942, 0.4184

Triad

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



89.5693, 0.3531, 0.4392



89.5693, 0.2061, 0.2586



89.5693, 0.3829, 0.2936

Complementary

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



89.5693, 0.3531, 0.4392



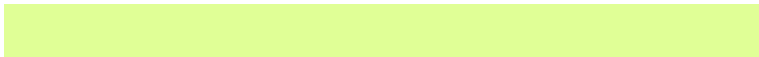
38.8669, 0.2575, 0.2084

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.



89.5693, 0.3227, 0.2582



89.5693, 0.3531, 0.4392



89.5693, 0.2242, 0.2370

Square

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



89.5693, 0.3531, 0.4392



89.5693, 0.2124, 0.3035



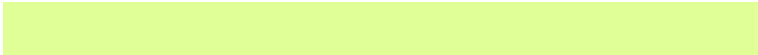
89.5693, 0.2650, 0.2379



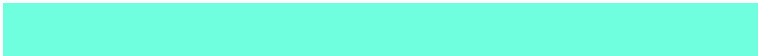
89.5693, 0.4243, 0.3381

Rectangle

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



89.5693, 0.3531, 0.4392



89.5693, 0.2584, 0.3847



89.5693, 0.2650, 0.2379



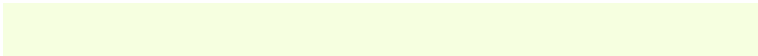
89.5693, 0.3639, 0.2805

Sweetspot

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



89.5724, 0.3531, 0.4392



96.5105, 0.3249, 0.3593



56.0125, 0.4056, 0.3605



20.5809, 0.3262, 0.3627



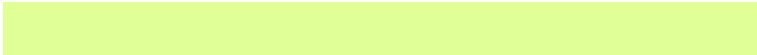
0.0000, 0.0000, 0.0000



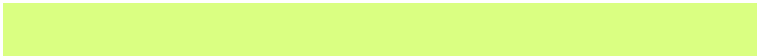
21.4041, 0.3127, 0.3290

Same Dimension

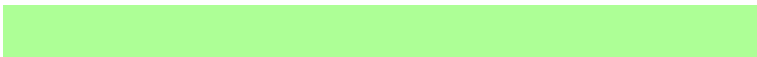
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.5724, 0.3531, 0.4392



88.0565, 0.3593, 0.4603



82.5811, 0.3198, 0.4519



20.8058, 0.3223, 0.3528



42.5048, 0.3680, 0.5460



4.1950, 0.3740, 0.5413

Inverse Universe

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



38.8669, 0.2575, 0.2084



31.4068, 0.2442, 0.1828



46.2402, 0.2985, 0.2214



17.6375, 0.3025, 0.3047



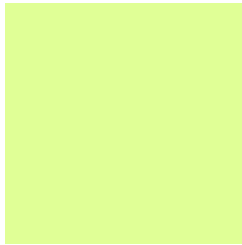
4.6265, 0.1694, 0.0707



0.5039, 0.1811, 0.0771

Previews

White Background



This preview shows how the Yxy color 89.5693, 0.3531, 0.4392 looks on a white background.

Color Contrast Check

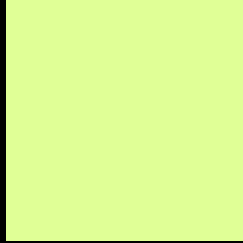
Large Text (above 18pt) WCAG AA × Fail

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 89.5693, 0.3531, 0.4392 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

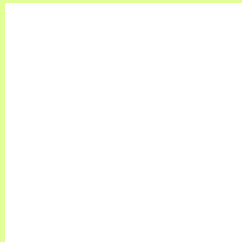
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.5693, 0.3531, 0.4392

Background



This preview shows how black text looks on a background with the Yxy color 89.5693, 0.3531, 0.4392.

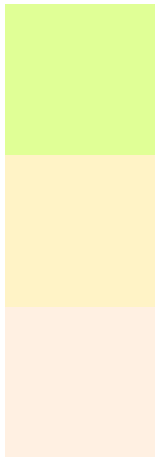


This preview shows how white text looks on a background with the Yxy color 89.5693, 0.3531, 0.4392.

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

89.5693, 0.3531, 0.4392

Protanopia

89.4384, 0.3490, 0.3739

Deuteranopia

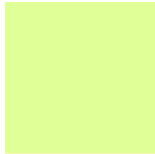
89.0712, 0.3315, 0.3428



Tritanopia

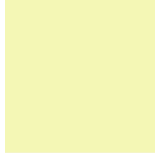
89.2495, 0.3037, 0.3161

Trichromacy



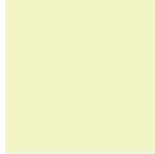
Original Color

89.5693, 0.3531, 0.4392



Protanomaly

89.0908, 0.3511, 0.3964



Deuteranomaly

88.6151, 0.3410, 0.3770



Tritanomaly

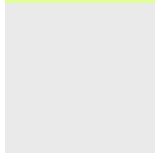
89.0237, 0.3223, 0.3599

Monochromacy



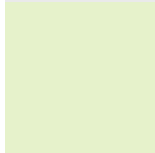
Original Color

89.5693, 0.3531, 0.4392



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 89.5693, 0.3531, 0.4392 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 150) }
```

Border

The CSS property to change the border of an element to Yxy 89.5693, 0.3531, 0.4392 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, 150) }
```

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

```
.border{ border-color:rgb(224, 255, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 150);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 89.5693, 0.3531, 0.4392 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, 150) }
```

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

```
.background{ background-color: rgb(224,  
255, 150) }
```

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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