

Converting Colors

$Yxy(74.6438, 0.3589, 0.4628)$

Have a look what the booklet for
Yxy(74.6438, 0.3589, 0.4628)
contains.

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Color

Yxy(74.8985, 0.3585, 0.4631)

Conversions

Conversions Part 1

Format	Color
Hex	C9EE77
RGB	201, 238, 119
RGB Percent	79%, 93%, 47%
CMY	0.2120, 0.0666, 0.5333
CMYK	0.16, 0.00, 0.50, 0.07
HSL	79°, 78%, 70%
HSV	79°, 50%, 93%
XYZ	57.9812, 74.8985, 28.8531
YIQ	213.3710, 16.1470, -44.8530

Conversions

Conversions Part 2

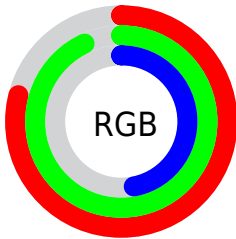
Format	Color
RYB	119, 238, 156
Decimal	13233783
CIELab	89.35, -30.02, 53.17
CIELCh	89, 61.059, 119.452
Yxy	74.8985, 0.3585, 0.4631
Android (android.graphics.Color)	4291423863 (0xFFC9EE77)
YUV	213.3710, -46.5249, -10.8494
Hunter-Lab	86.5439, -31.8634, 40.8139

Details

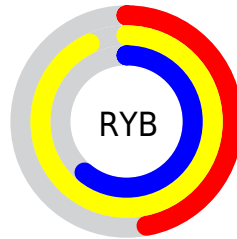
The Yxy color **74.8985, 0.3585, 0.4631** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **26.4432, 0.2444, 0.1807**, and the grayscale version is **67.1065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8360, 0.3608, 0.4086**, and **39.8690, 0.3648, 0.4949** is the 20% darker color. If you saturate the color by 10%, you get **73.3973, 0.3644, 0.4882**, and if you desaturate by 10%, it is **76.5992, 0.3508, 0.4360**.

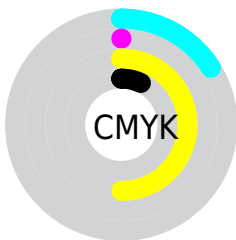
Distribution



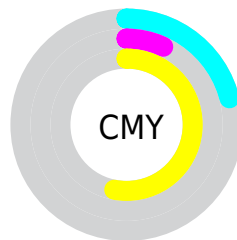
- Red (79%)
- Green (93%)
- Blue (47%)



- Red (47%)
- Yellow (93%)
- Blue (61%)



- Cyan (16%)
- Magenta (0%)
- Yellow (50%)
- Black (7%)





- Cyan (21%)
- Magenta (7%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8985, 0.3585, 0.4631 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 74.8985, 0.3585, 0.4631 by changing the saturation by 10% instead.

 74.8985, 0.3585,
0.4631


 74.8985, 0.3585,
0.4631


477.5686, 0.3406,
0.3996

 55.5297, 0.3615,
0.4775


 126.1687, 0.3531,
0.4410

 39.8260, 0.3645,
0.4951


 158.8389, 0.3508,
0.4324

 27.4029, 0.3672,
0.5168


 196.7117, 0.3487,
0.4250

 17.8761, 0.3687,
0.5440

240.1715, 0.3467,
0.4186

 10.8610, 0.3671,
0.5782

289.6027, 0.3450,
0.4130

 5.9735, 0.3656,
0.6344

345.3897, 0.3434,

 2.8290, 0.3298,

0.4080

0.6702

407.9169, 0.3419,
0.4035

■ 1.0431, 0.1936,
0.8064

■ 0.0000, 0.0000,
0.0000

■ 74.8985, 0.3585,
0.4631

■ 74.8985, 0.3585,
0.4631

■ 73.3973, 0.3644,
0.4882

■ 76.5992, 0.3508,
0.4360

■ 72.0739, 0.3681,
0.5101

■ 78.4997, 0.3420,
0.4082


■ 70.9185, 0.3693,
0.5278

■ 80.6131, 0.3324,
0.3806

■ 69.9156, 0.3680,
0.5405

■ 82.9481, 0.3225,
0.3540

 69.0396, 0.3646,
0.5487

 85.5132, 0.3127,
0.3290

 87.8694, 0.3073,
0.3123

 89.2328, 0.3121,
0.3126

 89.6396, 0.3135,
0.3127

Harmonies

Analogous

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



74.8985, 0.4198, 0.4400



74.8985, 0.3585, 0.4631



74.8985, 0.2885, 0.4390

Triad

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



74.8985, 0.3585, 0.4631



74.8985, 0.1873, 0.2437



74.8985, 0.3980, 0.2868

Complementary

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



74.8985, 0.3585, 0.4631



26.4432, 0.2444, 0.1807

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.



74.8985, 0.3246, 0.2458



74.8985, 0.3585, 0.4631



74.8985, 0.2084, 0.2201

Square

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



74.8985, 0.3585, 0.4631



74.8985, 0.1937, 0.2961



74.8985, 0.2557, 0.2220



74.8985, 0.4479, 0.3380

Rectangle

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



74.8985, 0.3585, 0.4631



74.8985, 0.2464, 0.3967



74.8985, 0.2557, 0.2220



74.8985, 0.3747, 0.2716

Sweetspot

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



74.9018, 0.3585, 0.4631



95.5868, 0.3275, 0.3673



42.8574, 0.4326, 0.3688



20.3372, 0.3296, 0.3729



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.



74.9018, 0.3585, 0.4631



85.7944, 0.3645, 0.4887



68.3138, 0.3188, 0.4818



18.1978, 0.3220, 0.3527



38.5822, 0.3654, 0.5481



3.2621, 0.3727, 0.5423

Inverse Universe

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



26.4432, 0.2444, 0.1807



23.1741, 0.2268, 0.1488



33.6966, 0.2961, 0.2002



15.4675, 0.3028, 0.3049



4.3193, 0.1717, 0.0719



0.4101, 0.1857, 0.0796

Previews

White Background



This preview shows how the Yxy color 74.8985, 0.3585, 0.4631 looks on a white background.

Color Contrast Check

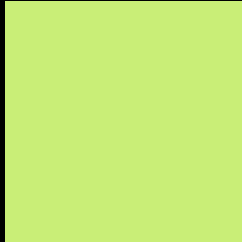
Large Text (above 18pt) WCAG AA × Fail

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 74.8985, 0.3585, 0.4631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

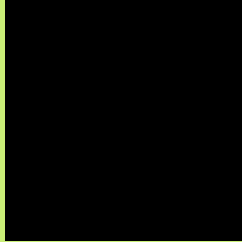
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.8985, 0.3585, 0.4631

Background



This preview shows how black text looks on a background with the Yxy color 74.8985, 0.3585, 0.4631.



This preview shows how white text looks on a background with the Yxy color 74.8985, 0.3585, 0.4631.

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

74.8985, 0.3585, 0.4631

Protanopia

74.3004, 0.4026, 0.4396

Deuteranopia

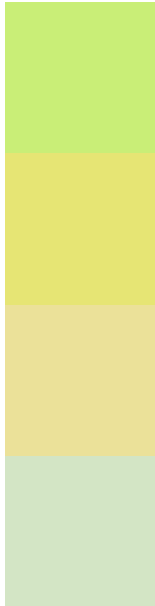
74.4199, 0.3725, 0.3753



Tritanopia

74.3210, 0.2959, 0.3098

Trichromacy



Original Color

74.8985, 0.3585, 0.4631

Protanomaly

74.1226, 0.3858, 0.4482

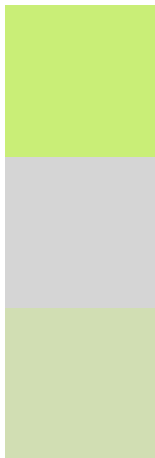
Deuteranomaly

73.8125, 0.3686, 0.4064

Tritanomaly

73.9187, 0.3207, 0.3649

Monochromacy



Original Color

74.8985, 0.3585, 0.4631

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

69.0525, 0.3320, 0.3786

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8985, 0.3585, 0.4631 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(201, 238, 119)` looks like.

```
.text, #text, p{  
    color:rgb(201, 238, 119)  
}
```

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(201, 238, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 238, 119) }
```

Border

The CSS property to change the border of an element to Yxy 74.8985, 0.3585, 0.4631 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(201, 238, 119) }
```

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

```
.border{ border-color:rgb(201, 238, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 238, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 238, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 238, 119);  
box-shadow:4px 4px 4px 4px rgb(201, 238,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8985, 0.3585, 0.4631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 238, 119) }
```

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

```
.background{ background-color: rgb(201,  
238, 119) }
```

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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