

Converting Colors

$Yxy(73.3827, 0.3022, 0.5278)$

Have a look what the booklet for
Yxy(73.3827, 0.3022, 0.5278)
contains.

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Color

Yxy(73.5843, 0.3018, 0.5276)

Conversions

Conversions Part 1

Format	Color
Hex	5FFD63
RGB	95, 253, 99
RGB Percent	37%, 99%, 39%
CMY	0.6277, 0.0078, 0.6117
CMYK	0.62, 0.00, 0.61, 0.01
HSL	122°, 98%, 68%
HSV	122°, 62%, 99%
XYZ	42.0920, 73.5843, 23.7936
YIQ	188.2020, -44.7340, -81.3900

Conversions

Conversions Part 2

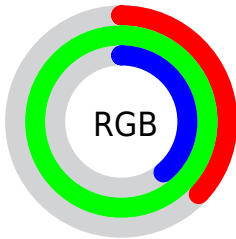
Format	Color
RYB	95, 249, 253
Decimal	6290787
CIELab	88.73, -70.29, 60.10
CIElCh	89, 92.476, 139.470
Yxy	73.5843, 0.3018, 0.5276
Android (android.graphics.Color)	4284480867 (0xFF5FFD63)
YUV	188.2020, -43.9766, -81.7382
Hunter-Lab	85.7813, -62.5291, 43.6014

Details

The Yxy color **73.5843, 0.3018, 0.5276** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **35.8909, 0.3233, 0.1881**, and the grayscale version is **50.6764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3267, 0.3104, 0.4500**, and **39.1974, 0.2938, 0.5778** is the 20% darker color. If you saturate the color by 10%, you get **72.0448, 0.3006, 0.5571**, and if you desaturate by 10%, it is **75.7134, 0.3034, 0.4937**.

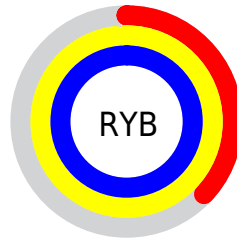
Distribution



Red (37%)

Green (99%)

Blue (39%)



Red (37%)

Yellow (98%)

Blue (99%)

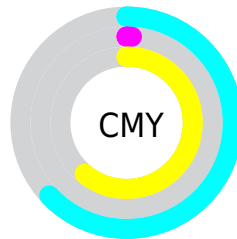


Cyan (62%)

Magenta (0%)

Yellow (61%)

Black (1%)



Cyan (63%)

Magenta (1%)

Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5843, 0.3018, 0.5276 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 73.5843, 0.3018, 0.5276 by changing the saturation by 10% instead.


 73.5843, 0.3018,
0.5276


 73.5843, 0.3018,
0.5276

473.0374, 0.3133,
0.4285


 54.4539, 0.2972,
0.5512


 124.3063, 0.3073,
0.4922

 38.9646, 0.2906,
0.5805

 156.6668, 0.3090,
0.4787

 26.7322, 0.2804,
0.6175


 194.2059, 0.3102,
0.4672

 17.3722, 0.2644,
0.6645

 237.3083, 0.3112,
0.4573

 10.5002, 0.2395,
0.7282

286.3582, 0.3119,
0.4487

 5.7319, 0.1960,
0.8040


341.7401, 0.3125,

 2.6827, 0.0867,


0.4411

0.9133


403.8384, 0.3129,
0.4344


 0.9684, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 73.5843, 0.3018,
0.5276


 73.5843, 0.3018,
0.5276


 72.0448, 0.3006,
0.5571


 75.7134, 0.3034,
0.4937


 71.0276, 0.2999,
0.5796


 78.4733, 0.3052,
0.4582

 70.4662, 0.2997,
0.5937


 81.9118, 0.3071,
0.4232

 70.2713, 0.2997,
0.5989

 86.0698, 0.3089,
0.3906

 90.9850, 0.3107,
0.3610

 96.6924, 0.3123,
0.3349

 98.7369, 0.3128,
0.3271

Harmonies

Analogous

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



73.5843, 0.4005, 0.5210



73.5843, 0.3018, 0.5276



73.5843, 0.2109, 0.4358

Triad

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



73.5843, 0.3018, 0.5276



73.5843, 0.1528, 0.1802



73.5843, 0.4990, 0.3091

Complementary

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



73.5843, 0.3018, 0.5276



35.8909, 0.3233, 0.1881

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.



73.5843, 0.4047, 0.2456



73.5843, 0.3018, 0.5276



73.5843, 0.2030, 0.1752

Square

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



73.5843, 0.3018, 0.5276



73.5843, 0.1364, 0.2203



73.5843, 0.2908, 0.1982



73.5843, 0.5256, 0.3801

Rectangle

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



73.5843, 0.3018, 0.5276



73.5843, 0.1682, 0.3483



73.5843, 0.2908, 0.1982



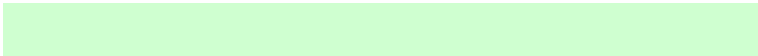
73.5843, 0.4734, 0.2868

Sweetspot

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



73.5874, 0.3018, 0.5276



89.2651, 0.3096, 0.3800



91.4753, 0.3984, 0.4748



18.8142, 0.3090, 0.3887



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.



73.5874, 0.3018, 0.5276



73.0276, 0.3004, 0.5636



75.8447, 0.2696, 0.4283



20.1758, 0.3112, 0.3529



37.3816, 0.2996, 0.5984



3.6423, 0.2985, 0.5947

Inverse Universe

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



35.8909, 0.3233, 0.1881



31.8039, 0.3251, 0.1714



32.0096, 0.4121, 0.2538



18.2918, 0.3142, 0.3062



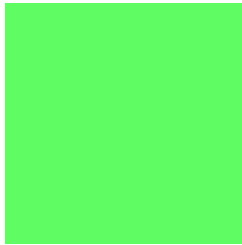
14.6667, 0.3275, 0.1578



1.4305, 0.3267, 0.1573

Previews

White Background



This preview shows how the Yxy color 73.5843, 0.3018, 0.5276 looks on a white background.

Color Contrast Check

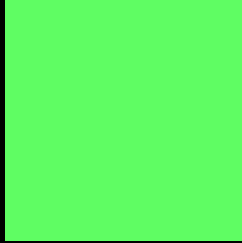
Large Text (above 18pt) WCAG AA × Fail

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 73.5843, 0.3018, 0.5276 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

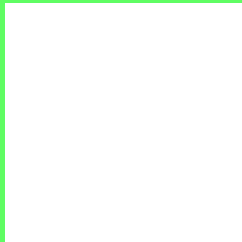
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5843, 0.3018, 0.5276

Background



This preview shows how black text looks on a background with the Yxy color 73.5843, 0.3018, 0.5276.



This preview shows how white text looks on a background with the Yxy color 73.5843, 0.3018, 0.5276.

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

73.5843, 0.3018, 0.5276

Protanopia

72.0439, 0.4162, 0.4564

Deuteranopia

71.9263, 0.3826, 0.3837



Tritanopia

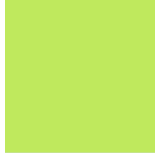
73.2773, 0.2479, 0.3080

Trichromacy



Original Color

73.5843, 0.3018, 0.5276



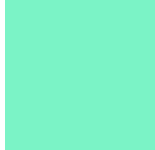
Protanomaly

70.1445, 0.3656, 0.4876



Deuteranomaly

69.1921, 0.3481, 0.4351



Tritanomaly

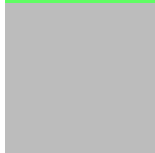
72.3894, 0.2688, 0.3860

Monochromacy



Original Color

73.5843, 0.3018, 0.5276



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

56.3573, 0.3078, 0.4046

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5843, 0.3018, 0.5276 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(95, 253, 99)` looks like.

```
.text, #text, p{  
    color:rgb(95, 253, 99)  
}
```

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(95, 253, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 253, 99) }
```

Border

The CSS property to change the border of an element to Yxy 73.5843, 0.3018, 0.5276 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(95, 253, 99) }
```

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

```
.border{ border-color:rgb(95, 253, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 253, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 253, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 253, 99);  
box-shadow:4px 4px 4px 4px rgb(95, 253,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5843, 0.3018, 0.5276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 253, 99) }
```

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

```
.background{ background-color: rgb(95, 253,  
99) }
```

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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