

Converting Colors

$Y_{xy}(61.2185, 0.2873, 0.5541)$

Have a look what the booklet for
Yxy(61.2185, 0.2873, 0.5541)
contains.

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Color

Yxy(61.1393, 0.2873, 0.5539)

Conversions

Conversions Part 1

Format	Color
Hex	01ED4F
RGB	1, 237, 79
RGB Percent	0%, 93%, 31%
CMY	0.9944, 0.0706, 0.6901
CMYK	0.99, 0.00, 0.67, 0.07
HSL	140°, 99%, 47%
HSV	140°, 99%, 93%
XYZ	31.7121, 61.1393, 17.5283
YIQ	148.4240, -89.9380, -99.1700

Conversions

Conversions Part 2

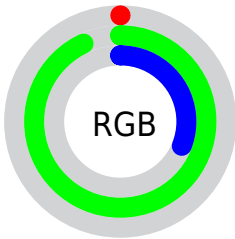
Format	Color
RYB	1, 178, 237
Decimal	126287
CIELab	82.45, -77.58, 60.95
CIELCh	82, 98.658, 141.846
Yxy	61.1393, 0.2873, 0.5539
Android (android.graphics.Color)	4278316367 (0xFF01ED4F)
YUV	148.4240, -34.2260, -129.2908
Hunter-Lab	78.1916, -64.4413, 41.4430

Details

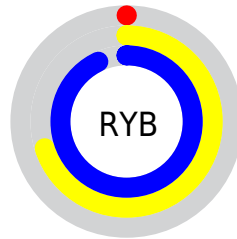
The Yxy color **61.1393, 0.2873, 0.5539** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **20.5528, 0.4270, 0.2128**, and the grayscale version is **30.0315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7519, 0.2957, 0.4842**, and **32.2644, 0.2989, 0.5960** is the 20% darker color. If you saturate the color by 10%, you get **61.1188, 0.2875, 0.5550**, and if you desaturate by 10%, it is **61.6007, 0.2840, 0.5342**.

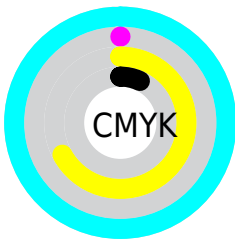
Distribution



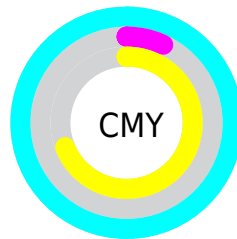
- Red (0%)
- Green (93%)
- Blue (31%)



- Red (0%)
- Yellow (70%)
- Blue (93%)



- Cyan (99%)
- Magenta (0%)
- Yellow (67%)
- Black (7%)





- Cyan (99%)
- Magenta (7%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1393, 0.2873, 0.5539 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 61.1393, 0.2873, 0.5539 by changing the saturation by 10% instead.


 61.1393, 0.2873,
0.5539


 61.1393, 0.2873,
0.5539


428.7846, 0.3075,
0.4372


 44.3376, 0.2799,
0.5828


 106.4806, 0.2964,
0.5113

 30.9360, 0.2692,
0.6190


 135.7890, 0.2993,
0.4953


 20.5501, 0.2531,
0.6650


 170.0351, 0.3016,
0.4818

 12.7956, 0.2280,
0.7236

 209.6032, 0.3033,
0.4703

 7.2879, 0.1909,
0.8091

 254.8779, 0.3047,
0.4603

 3.6428, 0.1140,
0.8860

306.2434, 0.3058,

 1.4758, 0.0000,

0.4516

1.0000

364.0841, 0.3067,
0.4440

■ 0.2716, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1393, 0.2873,
0.5539

■ 61.1393, 0.2873,
0.5539

■ 61.1188, 0.2875,
0.5550

■ 61.6007, 0.2840,
0.5342

■ 62.3598, 0.2821,
0.5113

■ 63.4902, 0.2819,
0.4862

■ 65.0376, 0.2834,
0.4601

■ 67.0409, 0.2864,
0.4341

■ 69.5341, 0.2906,
0.4091

■ 72.5483, 0.2956,
0.3857

■ 76.1116, 0.3012,
0.3643

■ 80.2503, 0.3071,
0.3451

Harmonies

Analogous

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



61.1393, 0.3957, 0.5462



61.1393, 0.2873, 0.5539



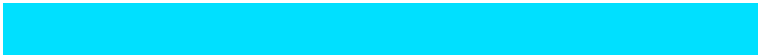
61.1393, 0.1907, 0.4396

Triad

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



61.1393, 0.2873, 0.5539



61.1393, 0.1405, 0.1635



61.1393, 0.5285, 0.3094

Complementary

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



61.1393, 0.2873, 0.5539



20.5528, 0.4270, 0.2128

Split Complementary

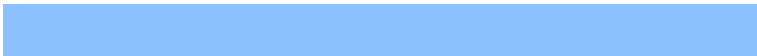
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.1393, 0.4263, 0.2410



61.1393, 0.2873, 0.5539



61.1393, 0.1969, 0.1615

Square

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



61.1393, 0.2873, 0.5539



61.1393, 0.1202, 0.2014



61.1393, 0.2964, 0.1885



61.1393, 0.5476, 0.3852

Rectangle

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



61.1393, 0.2873, 0.5539



61.1393, 0.1478, 0.3373



61.1393, 0.2964, 0.1885



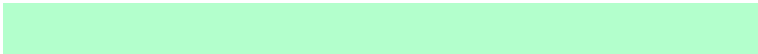
61.1393, 0.5020, 0.2856

Sweetspot

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



61.1418, 0.2873, 0.5539



85.3893, 0.2953, 0.3873



68.2944, 0.3639, 0.5490



17.9420, 0.2931, 0.3970



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.



61.1418, 0.2873, 0.5539



72.1599, 0.2877, 0.5557



64.4636, 0.2414, 0.3889



16.9440, 0.3071, 0.3452



33.3904, 0.2867, 0.5520



2.6391, 0.2789, 0.5241

Inverse Universe

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



20.5528, 0.4270, 0.2128



24.2008, 0.4284, 0.2133



18.2218, 0.6134, 0.3157



15.2245, 0.3188, 0.3133



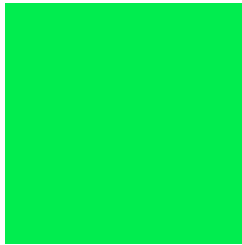
11.2206, 0.4256, 0.2118



0.8987, 0.4074, 0.2018

Previews

White Background



This preview shows how the Yxy color 61.1393, 0.2873, 0.5539 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 61.1393, 0.2873, 0.5539 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

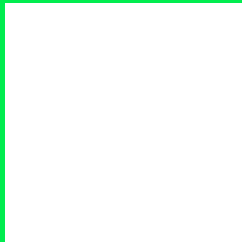
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.1393, 0.2873, 0.5539

Background



This preview shows how black text looks on a background with the Yxy color 61.1393, 0.2873, 0.5539.

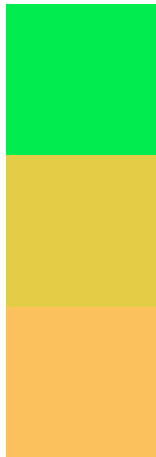


This preview shows how white text looks on a background with the Yxy color 61.1393, 0.2873, 0.5539.

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

61.1393, 0.2873, 0.5539

Protanopia

59.9588, 0.4221, 0.4654

Deuteranopia

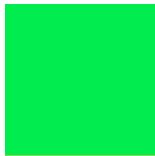
59.4395, 0.4380, 0.4280



Tritanopia

61.0206, 0.2340, 0.3059

Trichromacy



Original Color

61.1393, 0.2873, 0.5539



Protanomaly

55.6125, 0.3463, 0.5144



Deuteranomaly

53.7791, 0.3538, 0.4872



Tritanomaly

59.2985, 0.2515, 0.3946

Monochromacy



Original Color

61.1393, 0.2873, 0.5539



Achromatopsia

30.0544, 0.3127, 0.3290



Achromatomaly

36.9359, 0.2870, 0.4260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1393, 0.2873, 0.5539 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(1, 237, 79)` looks like.

```
.text, #text, p{  
    color:rgb(1, 237, 79)  
}
```

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(1, 237, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 237, 79) }
```

Border

The CSS property to change the border of an element to Yxy 61.1393, 0.2873, 0.5539 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(1, 237, 79) }
```

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

```
.border{ border-color:rgb(1, 237, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 237, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 237, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 237, 79);  
box-shadow:4px 4px 4px 4px rgb(1, 237, 79)  
}
```


Background

The CSS property to change the background color of an element to Yxy 61.1393, 0.2873, 0.5539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 237, 79) }
```

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

```
.background{ background-color: rgb(1, 237,  
79) }
```

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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