

Converting Colors

Yxy(74.1368, 0.3171, 0.5746)

Have a look what the booklet for
Yxy(74.1368, 0.3171, 0.5746)
contains.

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Color

Yxy(74.1467, 0.3171, 0.5745)

Conversions

Conversions Part 1

Format	Color
Hex	60FF26
RGB	96, 255, 38
RGB Percent	38%, 100%, 15%
CMY	0.6239, 0.0000, 0.8508
CMYK	0.62, 0.00, 0.85, 0.00
HSL	104°, 100%, 57%
HSV	104°, 85%, 100%
XYZ	40.9259, 74.1467, 13.9904
YIQ	182.7210, -25.1070, -101.1950

Conversions

Conversions Part 2

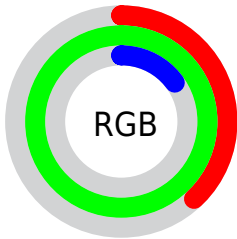
Format	Color
RYB	38, 255, 197
Decimal	6356774
CIELab	88.99, -74.99, 80.10
CIElCh	89, 109.721, 133.113
Yxy	74.1467, 0.3171, 0.5745
Android (android.graphics.Color)	4284546854 (0xFF60FF26)
YUV	182.7210, -71.3475, -76.0543
Hunter-Lab	86.1085, -65.8519, 50.6428

Details

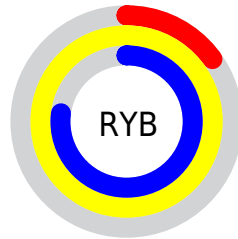
The Yxy color **74.1467, 0.3171, 0.5745** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **20.4980, 0.2635, 0.1292**, and the grayscale version is **47.5858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3471, 0.3339, 0.5017**, and **39.9325, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **73.1338, 0.3126, 0.5876**, and if you desaturate by 10%, it is **75.5024, 0.3207, 0.5542**.

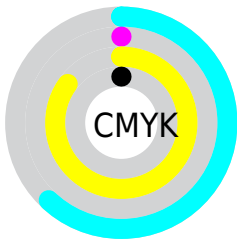
Distribution



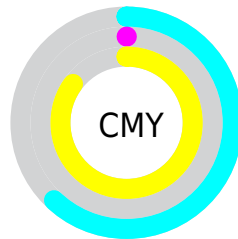
- Red (38%)
- Green (100%)
- Blue (15%)



- Red (15%)
- Yellow (100%)
- Blue (77%)



- Cyan (62%)
- Magenta (0%)
- Yellow (85%)
- Black (0%)




- Cyan (62%)
- Magenta (0%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1467, 0.3171, 0.5745 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 74.1467, 0.3171, 0.5745 by changing the saturation by 10% instead.


 74.1467, 0.3171,
0.5745

 74.1467, 0.3171,
0.5745


474.9795, 0.3265,
0.4547

 54.9141, 0.3115,
0.6012

 125.1037, 0.3231,
0.5329

 39.3330, 0.3027,
0.6331


 157.5970, 0.3246,
0.5167


 27.0189, 0.2889,
0.6709


 195.2793, 0.3256,
0.5026

 17.5874, 0.2684,
0.7191

 238.5349, 0.3262,
0.4905

 10.6542, 0.2329,
0.7671

 287.7484, 0.3265,
0.4798

 5.8348, 0.1798,
0.8202

343.3040, 0.3266,

 2.7449, 0.0576,

0.4704

0.9424

405.5863, 0.3266,
0.4621

■ 1.0000, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 74.1467, 0.3171,
0.5745

■ 74.1467, 0.3171,
0.5745

■ 73.1338, 0.3126,
0.5876


■ 75.5024, 0.3207,
0.5542

■ 72.7490, 0.3103,
0.5918


■ 77.2525, 0.3229,
0.5276

■ 79.4221, 0.3238,
0.4968

■ 82.0382, 0.3235,
0.4637

 85.1255, 0.3221,
0.4305

 88.7068, 0.3199,
0.3985

 92.8031, 0.3172,
0.3687

 97.4344, 0.3143,
0.3417

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



74.1467, 0.4273, 0.5328



74.1467, 0.3171, 0.5745



74.1467, 0.2111, 0.4903

Triad

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



74.1467, 0.3171, 0.5745



74.1467, 0.1260, 0.1651



74.1467, 0.5138, 0.2862

Complementary

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



74.1467, 0.3171, 0.5745



20.4980, 0.2635, 0.1292

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.



74.1467, 0.3907, 0.2199



74.1467, 0.3171, 0.5745



74.1467, 0.1718, 0.1540

Square

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



74.1467, 0.3171, 0.5745



74.1467, 0.1149, 0.2169



74.1467, 0.2608, 0.1732



74.1467, 0.5598, 0.3612

Rectangle

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



74.1467, 0.3171, 0.5745



74.1467, 0.1583, 0.3826



74.1467, 0.2608, 0.1732



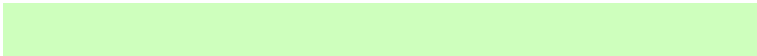
74.1467, 0.4785, 0.2627

Sweetspot

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



74.1413, 0.3171, 0.5745



88.3575, 0.3201, 0.4014



59.7736, 0.4649, 0.4573



18.6378, 0.3209, 0.4123



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.



74.1413, 0.3171, 0.5745



72.7490, 0.3103, 0.5918



72.5894, 0.2907, 0.5525



20.4023, 0.3156, 0.3533



38.0746, 0.3113, 0.5911



3.7578, 0.3191, 0.5848

Inverse Universe

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



20.4980, 0.2635, 0.1292



17.7845, 0.2530, 0.1167



27.2022, 0.3738, 0.1907



18.0424, 0.3095, 0.3053



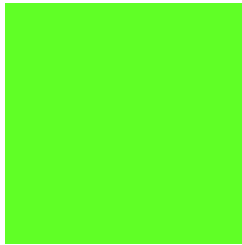
9.3696, 0.2541, 0.1174



0.9657, 0.2620, 0.1217

Previews

White Background



This preview shows how the Yxy color 74.1467, 0.3171, 0.5745 looks on a white background.

Color Contrast Check

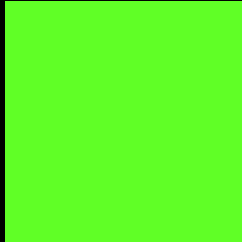
Large Text (above 18pt) WCAG AA × Fail

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 74.1467, 0.3171, 0.5745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

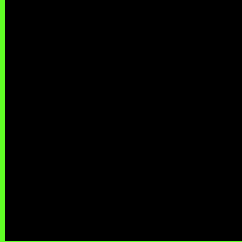
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

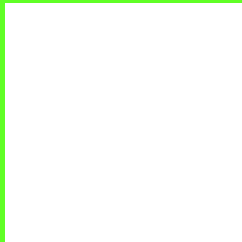
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1467, 0.3171, 0.5745

Background



This preview shows how black text looks on a background with the Yxy color 74.1467, 0.3171, 0.5745.



This preview shows how white text looks on a background with the Yxy color 74.1467, 0.3171, 0.5745.

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

74.1467, 0.3171, 0.5745

Protanopia

72.6504, 0.4382, 0.4841

Deuteranopia

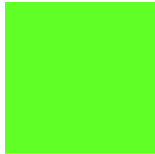
72.3295, 0.3844, 0.3877



Tritanopia

73.7177, 0.2501, 0.3081

Trichromacy



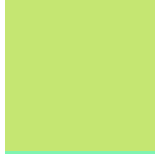
Original Color

74.1467, 0.3171, 0.5745



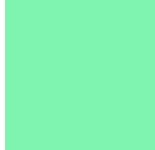
Protanomaly

70.4193, 0.3859, 0.5233



Deuteranomaly

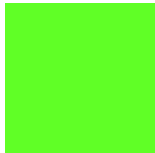
69.6789, 0.3611, 0.4629



Tritanomaly

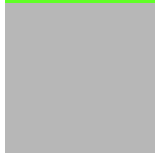
72.3480, 0.2817, 0.4164

Monochromacy



Original Color

74.1467, 0.3171, 0.5745



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

53.7919, 0.3224, 0.4380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1467, 0.3171, 0.5745 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(96, 255, 38)` looks like.

```
.text, #text, p{  
    color:rgb(96, 255, 38)  
}
```

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(96, 255, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 255, 38) }
```

Border

The CSS property to change the border of an element to Yxy 74.1467, 0.3171, 0.5745 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(96, 255, 38) }
```

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

```
.border{ border-color:rgb(96, 255, 38) }
```

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

Here you see how a box with a 4 pixel rgb(96, 255, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 255, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 255, 38);  
box-shadow:4px 4px 4px 4px rgb(96, 255,  
38) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1467, 0.3171, 0.5745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 255, 38) }
```

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

```
.background{ background-color: rgb(96, 255,  
38) }
```

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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