

Converting Colors

Yxy(74.6081, 0.3097, 0.5495)

Have a look what the booklet for
Yxy(74.6081, 0.3097, 0.5495)
contains.

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Color

Yxy(74.5972, 0.3094, 0.5492)

Conversions

Conversions Part 1

Format	Color
Hex	61FF4D
RGB	97, 255, 77
RGB Percent	38%, 100%, 30%
CMY	0.6198, 0.0000, 0.6980
CMYK	0.62, 0.00, 0.70, 0.00
HSL	113°, 100%, 65%
HSV	113°, 70%, 100%
XYZ	42.0254, 74.5972, 19.2062
YIQ	187.4660, -37.0300, -88.8540

Conversions

Conversions Part 2

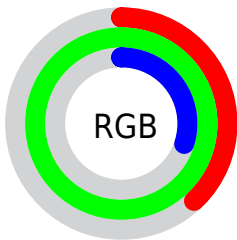
Format	Color
RYB	77, 255, 235
Decimal	6422349
CIELab	89.20, -72.55, 69.22
CIELCh	89, 100.275, 136.345
Yxy	74.5972, 0.3094, 0.5492
Android (android.graphics.Color)	4284612429 (0xFF61FF4D)
YUV	187.4660, -54.4597, -79.3387
Hunter-Lab	86.3697, -64.2930, 47.2743

Details

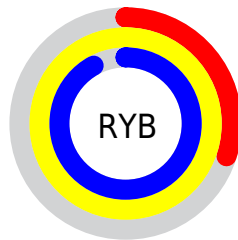
The Yxy color **74.5972, 0.3094, 0.5492** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **30.2027, 0.3009, 0.1653**, and the grayscale version is **50.2923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0278, 0.3217, 0.4725**, and **39.9325, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **73.2316, 0.3071, 0.5734**, and if you desaturate by 10%, it is **76.4535, 0.3113, 0.5188**.

Distribution



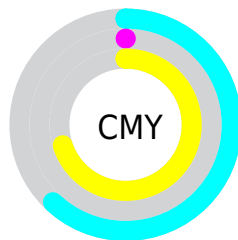
- Red (38%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (92%)



- Cyan (62%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)



- Cyan (62%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.5972, 0.3094, 0.5492 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 74.5972, 0.3094, 0.5492 by changing the saturation by 10% instead.


 74.5972, 0.3094,
0.5492

 74.5972, 0.3094,
0.5492


476.5320, 0.3193,
0.4404


 55.2830, 0.3046,
0.5744


 125.7420, 0.3148,
0.5108


 39.6283, 0.2973,
0.6053


 158.3414, 0.3164,
0.4960


 27.2489, 0.2859,
0.6432


 196.1379, 0.3174,
0.4833

 17.7602, 0.2677,
0.6897

 239.5160, 0.3181,
0.4723

 10.7780, 0.2420,
0.7580

 288.8601, 0.3186,
0.4628

 5.9177, 0.1903,
0.8097


344.5545, 0.3190,

 2.7951, 0.0820,


0.4544

0.9180


406.9837, 0.3192,
0.4470


 1.0257, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 74.5972, 0.3094,
0.5492


 74.5972, 0.3094,
0.5492


 73.2316, 0.3071,
0.5734

 76.4535, 0.3113,
0.5188


 72.3157, 0.3045,
0.5897

 78.8506, 0.3126,
0.4847

 71.7826, 0.3022,
0.5981

 81.8234, 0.3134,
0.4495

 71.7749, 0.3022,
0.5983

 85.4062, 0.3137,
0.4153

 89.6306, 0.3136,
0.3833

 94.5259, 0.3133,
0.3543

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.



74.5972, 0.4133, 0.5273



74.5972, 0.3094, 0.5492



74.5972, 0.2114, 0.4596

Triad

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



74.5972, 0.3094, 0.5492



74.5972, 0.1404, 0.1735



74.5972, 0.5056, 0.2986

Complementary

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



74.5972, 0.3094, 0.5492



30.2027, 0.3009, 0.1653

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.



74.5972, 0.3984, 0.2338



74.5972, 0.3094, 0.5492



74.5972, 0.1885, 0.1655

Square

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



74.5972, 0.3094, 0.5492



74.5972, 0.1266, 0.2190



74.5972, 0.2770, 0.1867



74.5972, 0.5409, 0.3716

Rectangle

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



74.5972, 0.3094, 0.5492



74.5972, 0.1640, 0.3633



74.5972, 0.2770, 0.1867



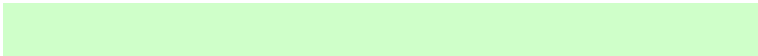
74.5972, 0.4757, 0.2758

Sweetspot

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



74.5946, 0.3094, 0.5492



89.0883, 0.3137, 0.3870



80.7755, 0.4198, 0.4706



18.8095, 0.3137, 0.3956



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.



74.5946, 0.3094, 0.5492



72.7954, 0.3060, 0.5813



75.1501, 0.2779, 0.4751



20.2655, 0.3133, 0.3535



37.5348, 0.3027, 0.5979



3.6847, 0.3077, 0.5939

Inverse Universe

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



30.2027, 0.3009, 0.1653



25.7824, 0.2969, 0.1478



30.1477, 0.3976, 0.2268



18.1910, 0.3120, 0.3055



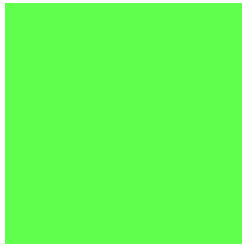
12.2996, 0.2928, 0.1386



1.2258, 0.2962, 0.1405

Previews

White Background



This preview shows how the Yxy color 74.5972, 0.3094, 0.5492 looks on a white background.

Color Contrast Check

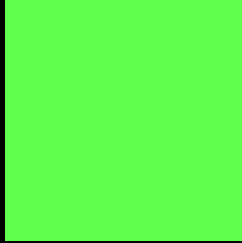
Large Text (above 18pt) WCAG AA × Fail

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 74.5972, 0.3094, 0.5492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

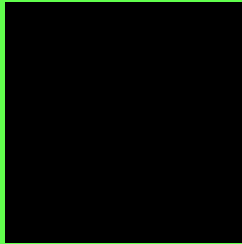
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.5972, 0.3094, 0.5492

Background



This preview shows how black text looks on a background with the Yxy color 74.5972, 0.3094, 0.5492.

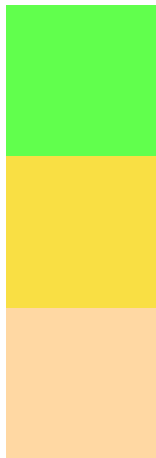


This preview shows how white text looks on a background with the Yxy color 74.5972, 0.3094, 0.5492.

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

74.5972, 0.3094, 0.5492

Protanopia

73.3324, 0.4264, 0.4702

Deuteranopia

73.0161, 0.3804, 0.3836



Tritanopia

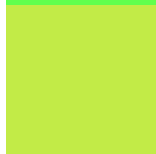
73.8994, 0.2510, 0.3082

Trichromacy



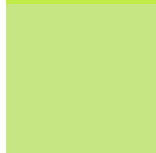
Original Color

74.5972, 0.3094, 0.5492



Protanomaly

71.3409, 0.3756, 0.5046



Deuteranomaly

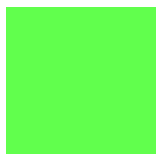
70.2653, 0.3518, 0.4434



Tritanomaly

73.0083, 0.2752, 0.3974

Monochromacy



Original Color

74.5972, 0.3094, 0.5492



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

56.0636, 0.3135, 0.4171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5972, 0.3094, 0.5492 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(97, 255, 77)` looks like.

```
.text, #text, p{  
    color:rgb(97, 255, 77)  
}
```

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(97, 255, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 255, 77) }
```

Border

The CSS property to change the border of an element to Yxy 74.5972, 0.3094, 0.5492 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(97, 255, 77) }
```

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

```
.border{ border-color:rgb(97, 255, 77) }
```

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

Here you see how a box with a 4 pixel rgb(97, 255, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 255, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 255, 77);  
box-shadow:4px 4px 4px 4px rgb(97, 255,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5972, 0.3094, 0.5492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 255, 77) }
```

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

```
.background{ background-color: rgb(97, 255,  
77) }
```

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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