

Converting Colors

$Yxy(74.3760, 0.3027, 0.5397)$

Have a look what the booklet for
Yxy(74.3760, 0.3027, 0.5397)
contains.

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Color

Yxy(74.3820, 0.3025, 0.5392)

Conversions

Conversions Part 1

Format	Color
Hex	59FF5A
RGB	89, 255, 90
RGB Percent	35%, 100%, 35%
CMY	0.6508, 0.0000, 0.6469
CMYK	0.65, 0.00, 0.65, 0.00
HSL	120°, 100%, 67%
HSV	120°, 65%, 100%
XYZ	41.7295, 74.3820, 21.8373
YIQ	186.5560, -45.9710, -86.5070

Conversions

Conversions Part 2

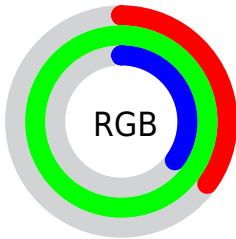
Format	Color
RYB	89, 254, 255
Decimal	5898074
CIELab	89.10, -73.01, 64.14
CIElCh	89, 97.184, 138.699
Yxy	74.3820, 0.3025, 0.5392
Android (android.graphics.Color)	4284088154 (0xFF59FF5A)
YUV	186.5560, -47.6021, -85.5566
Hunter-Lab	86.2450, -64.5618, 45.3592

Details

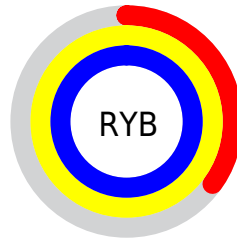
The Yxy color **74.3820, 0.3025, 0.5392** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **35.5689, 0.3206, 0.1818**, and the grayscale version is **49.7334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6632, 0.3120, 0.4604**, and **40.0116, 0.2971, 0.5895** is the 20% darker color. If you saturate the color by 10%, you get **72.9729, 0.3013, 0.5667**, and if you desaturate by 10%, it is **76.3808, 0.3040, 0.5061**.

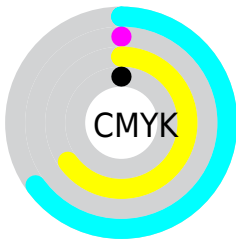
Distribution



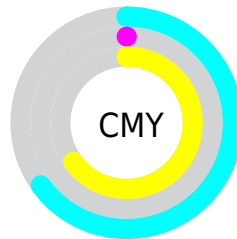
- Red (35%)
- Green (100%)
- Blue (35%)



- Red (35%)
- Yellow (100%)
- Blue (100%)



- Cyan (65%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)




- Cyan (65%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3820, 0.3025, 0.5392 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 74.3820, 0.3025, 0.5392 by changing the saturation by 10% instead.


 74.3820, 0.3025,
0.5392


 74.3820, 0.3025,
0.5392


475.7907, 0.3146,
0.4346

 55.1067, 0.2976,
0.5639

 125.4372, 0.3084,
0.5020

 39.4872, 0.2903,
0.5943


 157.9859, 0.3102,
0.4878

 27.1389, 0.2792,
0.6323


 195.7279, 0.3115,
0.4756

 17.6776, 0.2617,
0.6800


 239.0475, 0.3125,
0.4651

 10.7188, 0.2362,
0.7479

288.3292, 0.3132,
0.4560

 5.8781, 0.1879,
0.8121


343.9574, 0.3138,

 2.7711, 0.0759,


0.4480


0.9241

406.3165, 0.3142,
0.4409

 1.0134, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 74.3820, 0.3025,
0.5392


 74.3820, 0.3025,
0.5392


 72.9729, 0.3013,
0.5667


 76.3808, 0.3040,
0.5061

 72.0817, 0.3004,
0.5864


 79.0145, 0.3057,
0.4703


 71.6338, 0.3000,
0.5971

 82.3341, 0.3075,
0.4344

 71.5233, 0.2999,
0.5997

 86.3828, 0.3091,
0.4003

 91.2003, 0.3107,
0.3693

 96.8236, 0.3121,
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.



74.3820, 0.4046, 0.5271



74.3820, 0.3025, 0.5392



74.3820, 0.2081, 0.4448

Triad

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



74.3820, 0.3025, 0.5392



74.3820, 0.1465, 0.1753



74.3820, 0.5057, 0.3055

Complementary

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



74.3820, 0.3025, 0.5392



35.5689, 0.3206, 0.1818

Split Complementary

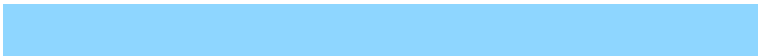
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3820, 0.4056, 0.2407



74.3820, 0.3025, 0.5392



74.3820, 0.1969, 0.1697

Square

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



74.3820, 0.3025, 0.5392



74.3820, 0.1305, 0.2170



74.3820, 0.2867, 0.1927



74.3820, 0.5344, 0.3780

Rectangle

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



74.3820, 0.3025, 0.5392



74.3820, 0.1637, 0.3520



74.3820, 0.2867, 0.1927



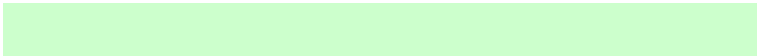
74.3820, 0.4785, 0.2827

Sweetspot

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



74.3849, 0.3025, 0.5392



88.7316, 0.3099, 0.3841



93.5020, 0.4028, 0.4779



18.7087, 0.3095, 0.3930



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.



74.3849, 0.3025, 0.5392



72.6619, 0.3010, 0.5734



76.6256, 0.2700, 0.4371



20.1699, 0.3115, 0.3534



37.3732, 0.2999, 0.5996



3.6395, 0.2997, 0.5988

Inverse Universe

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



35.5689, 0.3206, 0.1818



31.2419, 0.3215, 0.1660



31.3919, 0.4148, 0.2491



18.2984, 0.3139, 0.3057



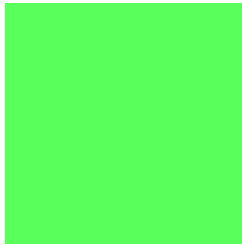
14.8313, 0.3224, 0.1550



1.4447, 0.3222, 0.1549

Previews

White Background



This preview shows how the Yxy color 74.3820, 0.3025, 0.5392 looks on a white background.

Color Contrast Check

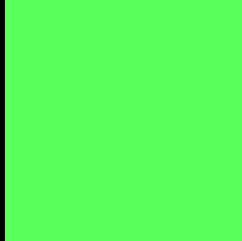
Large Text (above 18pt) WCAG AA × Fail

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 74.3820, 0.3025, 0.5392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

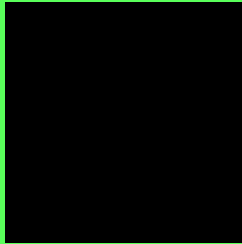
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3820, 0.3025, 0.5392

Background



This preview shows how black text looks on a background with the Yxy color 74.3820, 0.3025, 0.5392.

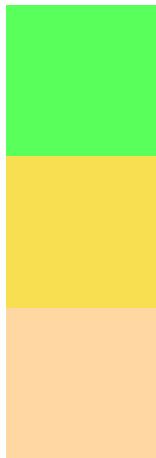


This preview shows how white text looks on a background with the Yxy color 74.3820, 0.3025, 0.5392.

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

74.3820, 0.3025, 0.5392

Protanopia

72.7931, 0.4212, 0.4623

Deuteranopia

72.5052, 0.3807, 0.3826



Tritanopia

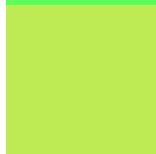
73.6280, 0.2497, 0.3081

Trichromacy



Original Color

74.3820, 0.3025, 0.5392



Protanomaly

70.4329, 0.3682, 0.4963



Deuteranomaly

69.9733, 0.3472, 0.4398



Tritanomaly

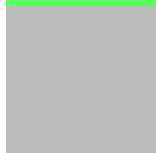
72.8525, 0.2704, 0.3911

Monochromacy



Original Color

74.3820, 0.3025, 0.5392



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

55.9333, 0.3082, 0.4107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3820, 0.3025, 0.5392 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(89, 255, 90)` looks like.

```
.text, #text, p{  
    color:rgb(89, 255, 90)  
}
```

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(89, 255, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 255, 90) }
```

Border

The CSS property to change the border of an element to Yxy 74.3820, 0.3025, 0.5392 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(89, 255, 90) }
```

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

```
.border{ border-color:rgb(89, 255, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 255, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 255, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 255, 90);  
box-shadow:4px 4px 4px 4px rgb(89, 255,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3820, 0.3025, 0.5392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 255, 90) }
```

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

```
.background{ background-color: rgb(89, 255,  
90) }
```

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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