

Converting Colors

Yxy(74.0616, 0.3008, 0.5419)

Have a look what the booklet for
Yxy(74.0616, 0.3008, 0.5419)
contains.

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Color

Yxy(74.0803, 0.3007, 0.5415)

Conversions

Conversions Part 1

Format	Color
Hex	53FF59
RGB	83, 255, 89
RGB Percent	33%, 100%, 35%
CMY	0.6741, 0.0000, 0.6509
CMYK	0.67, 0.00, 0.65, 0.00
HSL	122°, 100%, 66%
HSV	122°, 67%, 100%
XYZ	41.1375, 74.0803, 21.5879
YIQ	184.6480, -49.2260, -88.0900

Conversions

Conversions Part 2

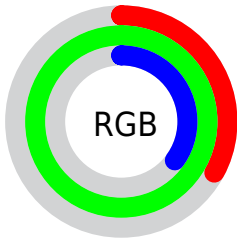
Format	Color
RYB	83, 249, 255
Decimal	5504857
CIELab	88.96, -74.20, 64.34
CIElCh	89, 98.215, 139.070
Yxy	74.0803, 0.3007, 0.5415
Android (android.graphics.Color)	4283694937 (0xFF53FF59)
YUV	184.6480, -47.1545, -89.1453
Hunter-Lab	86.0699, -65.3075, 45.3779

Details

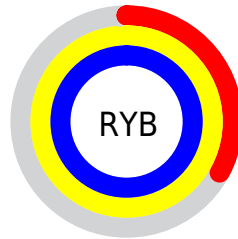
The Yxy color **74.0803, 0.3007, 0.5415** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle muted green. A complement of this color would be **34.3036, 0.3255, 0.1817**, and the grayscale version is **48.6146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2397, 0.3102, 0.4625**, and **40.0071, 0.2973, 0.5901** is the 20% darker color. If you saturate the color by 10%, you get **72.7806, 0.2998, 0.5680**, and if you desaturate by 10%, it is **75.9508, 0.3021, 0.5094**.

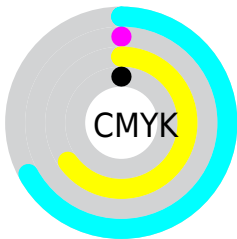
Distribution



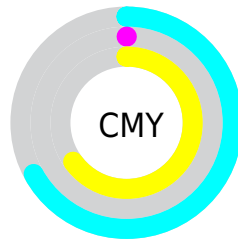
- Red (33%)
- Green (100%)
- Blue (35%)



- Red (33%)
- Yellow (98%)
- Blue (100%)



- Cyan (67%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)




- Cyan (67%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0803, 0.3007, 0.5415 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 74.0803, 0.3007, 0.5415 by changing the saturation by 10% instead.


 74.0803, 0.3007,
0.5415


 74.0803, 0.3007,
0.5415


474.7505, 0.3137,
0.4356


 54.8598, 0.2955,
0.5665


 125.0096, 0.3070,
0.5038


 39.2895, 0.2879,
0.5974


 157.4872, 0.3089,
0.4894

 26.9850, 0.2763,
0.6360


 195.1526, 0.3103,
0.4770

 17.5619, 0.2583,
0.6843

 238.3902, 0.3114,
0.4664

 10.6359, 0.2321,
0.7539

287.5844, 0.3122,
0.4572

 5.8226, 0.1826,
0.8174


343.1196, 0.3128,

 2.7375, 0.0629,


0.4491


0.9371


405.3801, 0.3133,
0.4419


 0.9963, 0.0000,
1.0000

 0.0000, 0.0000,
0.0000


 74.0803, 0.3007,
0.5415


 74.0803, 0.3007,
0.5415

 72.7806, 0.2998,
0.5680


 75.9508, 0.3021,
0.5094

 71.9787, 0.2995,
0.5868


 78.4371, 0.3038,
0.4745

 71.5958, 0.2996,
0.5971

 81.5904, 0.3057,
0.4393

 71.5376, 0.2996,
0.5985

 85.4538, 0.3077,
0.4057

 90.0669, 0.3096,
0.3748

 95.4665, 0.3115,
0.3472

99.9983, 0.3127,
0.3290

Harmonies

Analogous

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



74.0803, 0.4037, 0.5297



74.0803, 0.3007, 0.5415



74.0803, 0.2059, 0.4446

Triad

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



74.0803, 0.3007, 0.5415



74.0803, 0.1455, 0.1736



74.0803, 0.5088, 0.3058

Complementary

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



74.0803, 0.3007, 0.5415



34.3036, 0.3255, 0.1817

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.



74.0803, 0.4082, 0.2405



74.0803, 0.3007, 0.5415



74.0803, 0.1966, 0.1684

Square

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



74.0803, 0.3007, 0.5415



74.0803, 0.1289, 0.2149



74.0803, 0.2877, 0.1919



74.0803, 0.5365, 0.3788

Rectangle

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



74.0803, 0.3007, 0.5415



74.0803, 0.1615, 0.3504



74.0803, 0.2877, 0.1919



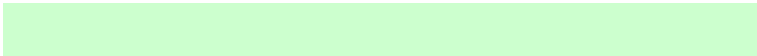
74.0803, 0.4815, 0.2829

Sweetspot

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



74.0834, 0.3007, 0.5415



88.8020, 0.3091, 0.3825



92.3332, 0.4008, 0.4839



18.7252, 0.3086, 0.3911



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.



74.0834, 0.3007, 0.5415



72.4409, 0.2996, 0.5757



76.4479, 0.2670, 0.4338



20.1783, 0.3111, 0.3527



37.3852, 0.2994, 0.5979



3.6435, 0.2980, 0.5929

Inverse Universe

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



34.3036, 0.3255, 0.1817



30.1798, 0.3276, 0.1669



30.1160, 0.4283, 0.2530



18.2889, 0.3143, 0.3064



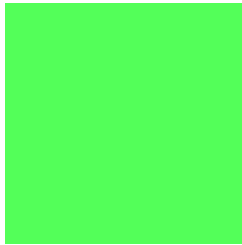
14.5965, 0.3298, 0.1590



1.4245, 0.3287, 0.1584

Previews

White Background



This preview shows how the Yxy color 74.0803, 0.3007, 0.5415 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 74.0803, 0.3007, 0.5415 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 74.0803, 0.3007, 0.5415

Background



This preview shows how black text looks on a background with the Yxy color 74.0803, 0.3007, 0.5415.

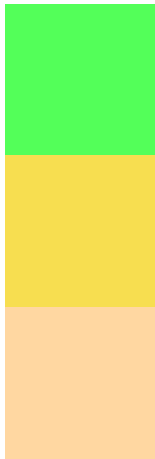


This preview shows how white text looks on a background with the Yxy color 74.0803, 0.3007, 0.5415.

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

74.0803, 0.3007, 0.5415

Protanopia

72.5959, 0.4209, 0.4634

Deuteranopia

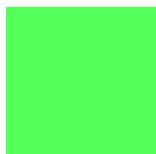
72.4341, 0.3822, 0.3846



Tritanopia

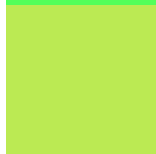
73.2773, 0.2479, 0.3080

Trichromacy



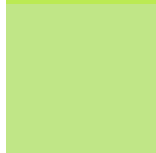
Original Color

74.0803, 0.3007, 0.5415



Protanomaly

70.0350, 0.3664, 0.4985



Deuteranomaly

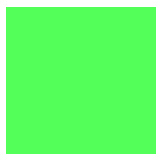
69.5494, 0.3456, 0.4418



Tritanomaly

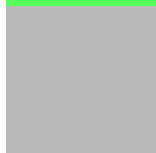
72.5634, 0.2687, 0.3914

Monochromacy



Original Color

74.0803, 0.3007, 0.5415



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

54.5911, 0.3074, 0.4117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0803, 0.3007, 0.5415 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(83, 255, 89)` looks like.

```
.text, #text, p{  
    color:rgb(83, 255, 89)  
}
```

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(83, 255, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 255, 89) }
```

Border

The CSS property to change the border of an element to Yxy 74.0803, 0.3007, 0.5415 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(83, 255, 89) }
```

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

```
.border{ border-color:rgb(83, 255, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 255, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 255, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 255, 89);  
box-shadow:4px 4px 4px 4px rgb(83, 255,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0803, 0.3007, 0.5415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 255, 89) }
```

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

```
.background{ background-color: rgb(83, 255,  
89) }
```

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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