

Converting Colors

$Yxy(74.2039, 0.3101, 0.5585)$

Have a look what the booklet for
Yxy(74.2039, 0.3101, 0.5585)
contains.

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Color

Yxy(74.2006, 0.3100, 0.5585)

Conversions

Conversions Part 1

Format	Color
Hex	5CFF43
RGB	92, 255, 67
RGB Percent	36%, 100%, 26%
CMY	0.6393, 0.0000, 0.7370
CMYK	0.64, 0.00, 0.74, 0.00
HSL	112°, 100%, 63%
HSV	112°, 74%, 100%
XYZ	41.1857, 74.2006, 17.4707
YIQ	184.8310, -36.8000, -93.0240

Conversions

Conversions Part 2

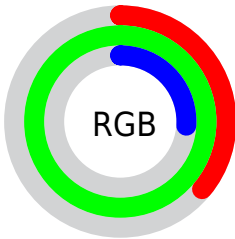
Format	Color
RYB	67, 255, 230
Decimal	6094659
CIELab	89.02, -74.30, 72.38
CIELCh	89, 103.731, 135.748
Yxy	74.2006, 0.3100, 0.5585
Android (android.graphics.Color)	4284284739 (0xFF5CFF43)
YUV	184.8310, -58.0907, -81.4128
Hunter-Lab	86.1398, -65.3991, 48.2728

Details

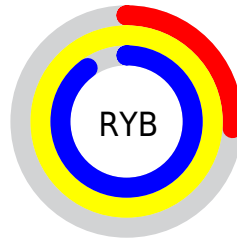
The Yxy color **74.2006, 0.3100, 0.5585** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed green. A complement of this color would be **28.0813, 0.2961, 0.1577**, and the grayscale version is **48.7593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3973, 0.3230, 0.4825**, and **39.9325, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **72.9804, 0.3074, 0.5798**, and if you desaturate by 10%, it is **75.8859, 0.3121, 0.5303**.

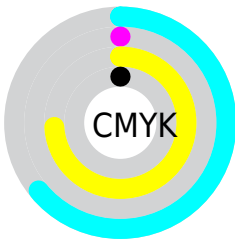
Distribution



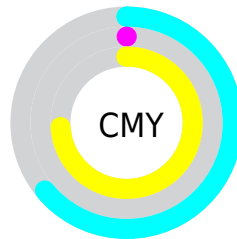
- Red (36%)
- Green (100%)
- Blue (26%)



- Red (26%)
- Yellow (100%)
- Blue (90%)



- Cyan (64%)
- Magenta (0%)
- Yellow (74%)
- Black (0%)




- Cyan (64%)
- Magenta (0%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2006, 0.3100, 0.5585 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 74.2006, 0.3100, 0.5585 by changing the saturation by 10% instead.

 74.2006, 0.3100,
0.5585

 74.2006, 0.3100,
0.5585


475.1654, 0.3206,
0.4452

 54.9582, 0.3048,
0.5846


 125.1801, 0.3159,
0.5187

 39.3683, 0.2968,
0.6162


 157.6861, 0.3175,
0.5032


 27.0464, 0.2844,
0.6548


 195.3820, 0.3186,
0.4900

 17.6080, 0.2646,
0.7016

 238.6524, 0.3194,
0.4786

 10.6689, 0.2353,
0.7647

 287.8815, 0.3199,
0.4686

 5.8447, 0.1826,
0.8174

343.4538, 0.3202,

 2.7509, 0.0637,

0.4599

0.9363

405.7536, 0.3204,
0.4521

■ 1.0031, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 74.2006, 0.3100,
0.5585

■ 74.2006, 0.3100,
0.5585

■ 72.9804, 0.3074,
0.5798

■ 75.8859, 0.3121,
0.5303

■ 72.1793, 0.3045,
0.5930

■ 78.0813, 0.3136,
0.4975

■ 71.8565, 0.3029,
0.5977


■ 80.8230, 0.3145,
0.4627

■ 84.1446, 0.3147,
0.4281

 88.0770, 0.3145,
0.3953

 92.6491, 0.3139,
0.3651

 97.8877, 0.3131,
0.3382

 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.



74.2006, 0.4165, 0.5313



74.2006, 0.3100, 0.5585



74.2006, 0.2093, 0.4678

Triad

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



74.2006, 0.3100, 0.5585



74.2006, 0.1355, 0.1696



74.2006, 0.5107, 0.2955

Complementary

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



74.2006, 0.3100, 0.5585



28.0813, 0.2961, 0.1577

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.



74.2006, 0.3986, 0.2298



74.2006, 0.3100, 0.5585



74.2006, 0.1836, 0.1612

Square

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



74.2006, 0.3100, 0.5585



74.2006, 0.1220, 0.2165



74.2006, 0.2733, 0.1823



74.2006, 0.5480, 0.3695

Rectangle

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



74.2006, 0.3100, 0.5585



74.2006, 0.1605, 0.3670



74.2006, 0.2733, 0.1823



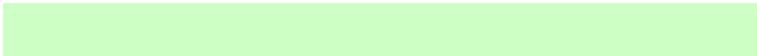
74.2006, 0.4793, 0.2723

Sweetspot

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



74.1996, 0.3100, 0.5585



88.8084, 0.3144, 0.3899



78.2274, 0.4263, 0.4728



18.7608, 0.3145, 0.3985



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.



74.1996, 0.3100, 0.5585



72.5879, 0.3061, 0.5865



74.4924, 0.2789, 0.4887



20.2835, 0.3136, 0.3534



37.5818, 0.3035, 0.5973



3.6932, 0.3090, 0.5928

Inverse Universe

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



28.0813, 0.2961, 0.1577



24.2297, 0.2912, 0.1421



28.8310, 0.4001, 0.2213



18.1711, 0.3117, 0.3054



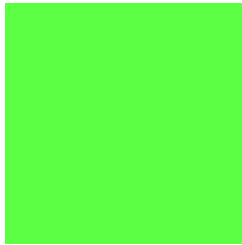
11.8698, 0.2876, 0.1358



1.1881, 0.2916, 0.1380

Previews

White Background



This preview shows how the Yxy color 74.2006, 0.3100, 0.5585 looks on a white background.

Color Contrast Check

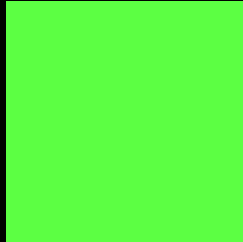
Large Text (above 18pt) WCAG AA × Fail

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 74.2006, 0.3100, 0.5585 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 74.2006, 0.3100, 0.5585

Background



This preview shows how black text looks on a background with the Yxy color 74.2006, 0.3100, 0.5585.

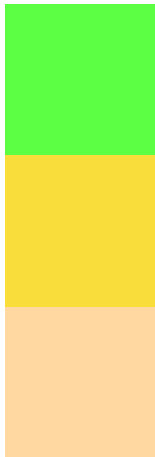


This preview shows how white text looks on a background with the Yxy color 74.2006, 0.3100, 0.5585.

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

74.2006, 0.3100, 0.5585

Protanopia

72.6981, 0.4302, 0.4740

Deuteranopia

72.3989, 0.3829, 0.3857



Tritanopia

73.6280, 0.2497, 0.3081

Trichromacy



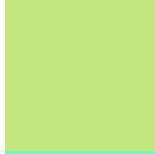
Original Color

74.2006, 0.3100, 0.5585



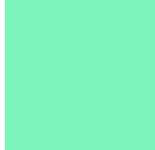
Protanomaly

70.3999, 0.3775, 0.5108



Deuteranomaly

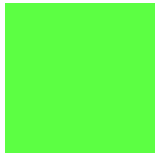
69.8357, 0.3537, 0.4506



Tritanomaly

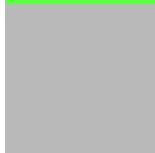
72.5743, 0.2748, 0.4018

Monochromacy



Original Color

74.2006, 0.3100, 0.5585



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

54.6255, 0.3147, 0.4224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2006, 0.3100, 0.5585 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(92, 255, 67)` looks like.

```
.text, #text, p{  
    color:rgb(92, 255, 67)  
}
```

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(92, 255, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 255, 67) }
```

Border

The CSS property to change the border of an element to Yxy 74.2006, 0.3100, 0.5585 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(92, 255, 67) }
```

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

```
.border{ border-color:rgb(92, 255, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 255, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 255, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 255, 67);  
box-shadow:4px 4px 4px 4px rgb(92, 255,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2006, 0.3100, 0.5585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 255, 67) }
```

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

```
.background{ background-color: rgb(92, 255,  
67) }
```

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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