

Converting Colors

Yxy(74.7688, 0.3041, 0.5349)

Have a look what the booklet for
Yxy(74.7688, 0.3041, 0.5349)
contains.

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Color

Yxy(74.7971, 0.3042, 0.5346)

Conversions

Conversions Part 1

Format	Color
Hex	60FF5D
RGB	96, 255, 93
RGB Percent	38%, 100%, 36%
CMY	0.6235, 0.0000, 0.6352
CMYK	0.62, 0.00, 0.64, 0.00
HSL	119°, 100%, 68%
HSV	119°, 64%, 100%
XYZ	42.5613, 74.7971, 22.5539
YIQ	188.9910, -42.7620, -84.0900

Conversions

Conversions Part 2

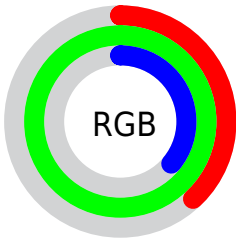
Format	Color
R_{YB}	93, 255, 252
Decimal	6356829
CIE _{Lab}	89.30, -71.34, 63.21
CIE _{LCh}	89, 95.318, 138.458
Yxy	74.7971, 0.3042, 0.5346
Android (android.graphics.Color)	4284546909 (0xFF60FF5D)
YUV	188.9910, -47.3236, -81.5531
Hunter-Lab	86.4853, -63.5056, 45.0779

Details

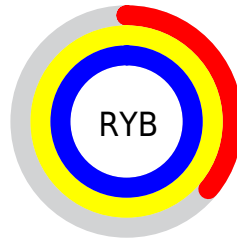
The Yxy color **74.7971, 0.3042, 0.5346** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **35.7493, 0.3167, 0.1823**, and the grayscale version is **51.1814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2670, 0.3134, 0.4557**, and **40.0368, 0.2962, 0.5863** is the 20% darker color. If you saturate the color by 10%, you get **73.2706, 0.3027, 0.5631**, and if you desaturate by 10%, it is **76.9085, 0.3058, 0.5009**.

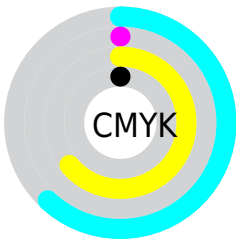
Distribution



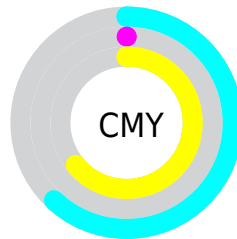
- Red (38%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (99%)



- Cyan (62%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)





- Cyan (62%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7971, 0.3042, 0.5346 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 74.7971, 0.3042, 0.5346 by changing the saturation by 10% instead.


 74.7971, 0.3042,
0.5346


 74.7971, 0.3042,
0.5346


477.2199, 0.3152,
0.4325


 55.4467, 0.2996,
0.5587


 126.0251, 0.3096,
0.4983


 39.7595, 0.2928,
0.5884


 158.6715, 0.3113,
0.4844

 27.3511, 0.2824,
0.6256

 196.5186, 0.3125,
0.4725

 17.8370, 0.2659,
0.6724

 239.9510, 0.3133,
0.4623

 10.8331, 0.2411,
0.7373

289.3529, 0.3140,
0.4534

 5.9547, 0.1954,
0.8046

345.1087, 0.3145,

 2.8175, 0.0930,

0.4455

0.9070

407.6029, 0.3149,
0.4386

■ 1.0372, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 74.7971, 0.3042,
0.5346

■ 74.7971, 0.3042,
0.5346

■ 73.2706, 0.3027,
0.5631

■ 76.9085, 0.3058,
0.5009

■ 72.2672, 0.3014,
0.5840


■ 79.6519, 0.3074,
0.4650


■ 71.7176, 0.3005,
0.5960

■ 83.0735, 0.3089,
0.4292

■ 71.5504, 0.3003,
0.5998

■ 87.2143, 0.3103,
0.3955

 92.1121, 0.3114,
0.3649

 97.8019, 0.3124,
0.3377

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.



74.7971, 0.4046, 0.5233



74.7971, 0.3042, 0.5346



74.7971, 0.2110, 0.4431

Triad

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



74.7971, 0.3042, 0.5346



74.7971, 0.1488, 0.1780



74.7971, 0.5012, 0.3058

Complementary

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



74.7971, 0.3042, 0.5346



35.7493, 0.3167, 0.1823

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.



74.7971, 0.4029, 0.2418



74.7971, 0.3042, 0.5346



74.7971, 0.1983, 0.1720

Square

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



74.7971, 0.3042, 0.5346



74.7971, 0.1332, 0.2198



74.7971, 0.2865, 0.1945



74.7971, 0.5306, 0.3775

Rectangle

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



74.7971, 0.3042, 0.5346



74.7971, 0.1668, 0.3529



74.7971, 0.2865, 0.1945



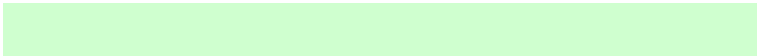
74.7971, 0.4743, 0.2833

Sweetspot

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



74.7983, 0.3042, 0.5346



89.3326, 0.3108, 0.3813



90.1740, 0.4043, 0.4718



18.8301, 0.3105, 0.3902



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.



74.7983, 0.3042, 0.5346



72.9754, 0.3024, 0.5691



76.6983, 0.2728, 0.4414



20.1841, 0.3118, 0.3536



37.3935, 0.3004, 0.5997



3.6463, 0.3013, 0.5990

Inverse Universe

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



35.7493, 0.3167, 0.1823



31.1661, 0.3168, 0.1655



32.3638, 0.4041, 0.2452



18.2823, 0.3135, 0.3056



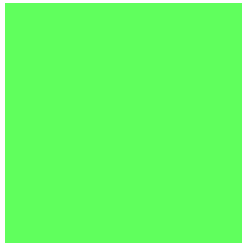
14.4280, 0.3163, 0.1516



1.4101, 0.3169, 0.1519

Previews

White Background



This preview shows how the Yxy color 74.7971, 0.3042, 0.5346 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 74.7971, 0.3042, 0.5346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

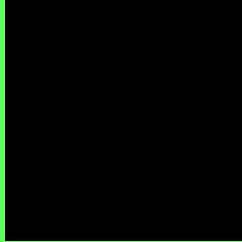
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.7971, 0.3042, 0.5346

Background



This preview shows how black text looks on a background with the Yxy color 74.7971, 0.3042, 0.5346.



This preview shows how white text looks on a background with the Yxy color 74.7971, 0.3042, 0.5346.

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

74.7971, 0.3042, 0.5346

Protanopia

73.3719, 0.4192, 0.4612

Deuteranopia

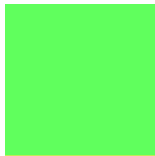
73.0883, 0.3789, 0.3816



Tritanopia

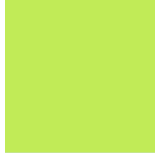
73.9914, 0.2515, 0.3082

Trichromacy



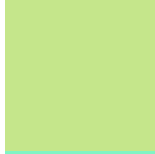
Original Color

74.7971, 0.3042, 0.5346



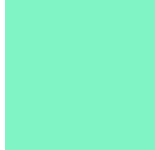
Protanomaly

71.4422, 0.3688, 0.4932



Deuteranomaly

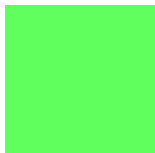
70.3280, 0.3469, 0.4358



Tritanomaly

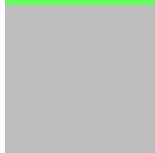
73.2761, 0.2722, 0.3894

Monochromacy



Original Color

74.7971, 0.3042, 0.5346



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

56.8902, 0.3097, 0.4084

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7971, 0.3042, 0.5346 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, 93)` looks like.

```
.text, #text, p{  
    color:rgb(96, 255, 93)  
}
```

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, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 255, 93) }
```

Border

The CSS property to change the border of an element to Yxy 74.7971, 0.3042, 0.5346 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, 93) }
```

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

```
.border{ border-color:rgb(96, 255, 93) }
```

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, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 255, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 255, 93);  
box-shadow:4px 4px 4px 4px rgb(96, 255,  
93) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 74.7971, 0.3042, 0.5346$ 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, 93) }
```

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

```
.background{ background-color: rgb(96, 255,  
93) }
```

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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