

Converting Colors

Yxy(74.8867, 0.3043, 0.5331)

Have a look what the booklet for
Yxy(74.8867, 0.3043, 0.5331)
contains.

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Color

Yxy(74.8695, 0.3043, 0.5334)

Conversions

Conversions Part 1

Format	Color
Hex	61FF5E
RGB	97, 255, 94
RGB Percent	38%, 100%, 37%
CMY	0.6194, 0.0000, 0.6315
CMYK	0.62, 0.00, 0.63, 0.00
HSL	119°, 100%, 68%
HSV	119°, 63%, 100%
XYZ	42.7124, 74.8695, 22.7809
YIQ	189.4040, -42.4870, -83.5670

Conversions

Conversions Part 2

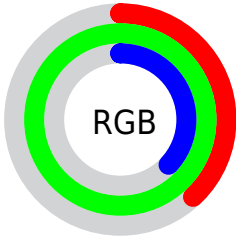
Format	Color
RYB	94, 255, 252
Decimal	6422366
CIELab	89.33, -71.04, 62.87
CIELCh	89, 94.866, 138.488
Yxy	74.8695, 0.3043, 0.5334
Android (android.graphics.Color)	4284612446 (0xFF61FF5E)
YUV	189.4040, -47.0342, -81.0383
Hunter-Lab	86.5272, -63.3096, 44.9591

Details

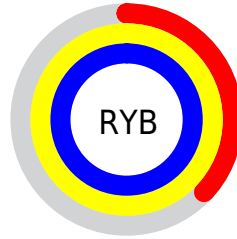
The Yxy color **74.8695, 0.3043, 0.5334** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **35.9002, 0.3166, 0.1829**, and the grayscale version is **51.4314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4034, 0.3135, 0.4543**, and **40.0480, 0.2958, 0.5848** is the 20% darker color. If you saturate the color by 10%, you get **73.3221, 0.3028, 0.5622**, and if you desaturate by 10%, it is **77.0050, 0.3059, 0.4996**.

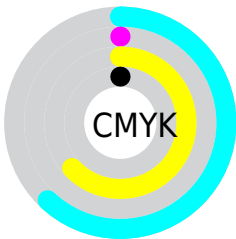
Distribution



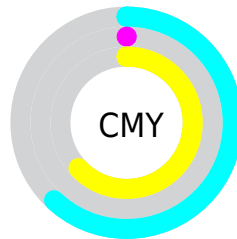
- Red (38%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (99%)



- Cyan (62%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)





- Cyan (62%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.8695, 0.3043, 0.5334 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 74.8695, 0.3043, 0.5334 by changing the saturation by 10% instead.


 74.8695, 0.3043,
0.5334


 74.8695, 0.3043,
0.5334


477.4689, 0.3151,
0.4319

 55.5060, 0.2998,
0.5574


 126.1276, 0.3097,
0.4973


 39.8070, 0.2930,
0.5869


 158.7910, 0.3113,
0.4835

 27.3881, 0.2828,
0.6240


 196.6565, 0.3124,
0.4717

 17.8649, 0.2665,
0.6706

 240.1084, 0.3133,
0.4615

 10.8530, 0.2418,
0.7348

289.5313, 0.3140,
0.4527

 5.9681, 0.1968,
0.8032


345.3093, 0.3145,


 2.8257, 0.0960,

0.4449

0.9040


407.8271, 0.3148,
0.4380

 1.0414, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000

 74.8695, 0.3043,
0.5334


 74.8695, 0.3043,
0.5334


 73.3221, 0.3028,
0.5622


 77.0050, 0.3059,
0.4996

 72.2990, 0.3015,
0.5834


 79.7729, 0.3075,
0.4636

 71.7326, 0.3006,
0.5957

 83.2201, 0.3090,
0.4279

 71.5515, 0.3003,
0.5998

 87.3873, 0.3103,
0.3943

 92.3121, 0.3115,
0.3638

 98.0295, 0.3124,
0.3368

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.



74.8695, 0.4043, 0.5226



74.8695, 0.3043, 0.5334



74.8695, 0.2115, 0.4424

Triad

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



74.8695, 0.3043, 0.5334



74.8695, 0.1494, 0.1786



74.8695, 0.5004, 0.3061

Complementary

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



74.8695, 0.3043, 0.5334



35.9002, 0.3166, 0.1829

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.



74.8695, 0.4026, 0.2422



74.8695, 0.3043, 0.5334



74.8695, 0.1989, 0.1726

Square

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



74.8695, 0.3043, 0.5334



74.8695, 0.1339, 0.2203



74.8695, 0.2868, 0.1951



74.8695, 0.5296, 0.3776

Rectangle

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



74.8695, 0.3043, 0.5334



74.8695, 0.1674, 0.3527



74.8695, 0.2868, 0.1951



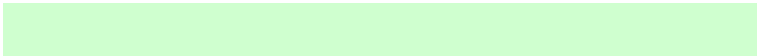
74.8695, 0.4736, 0.2836

Sweetspot

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



74.8715, 0.3043, 0.5334



89.3371, 0.3108, 0.3813



90.2104, 0.4039, 0.4712



18.8312, 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.



74.8715, 0.3043, 0.5334



72.9797, 0.3024, 0.5691



76.7669, 0.2729, 0.4406



20.1847, 0.3119, 0.3536



37.3943, 0.3004, 0.5997



3.6465, 0.3013, 0.5989

Inverse Universe

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



35.9002, 0.3166, 0.1829



31.1428, 0.3167, 0.1654



32.5488, 0.4033, 0.2455



18.2816, 0.3135, 0.3056



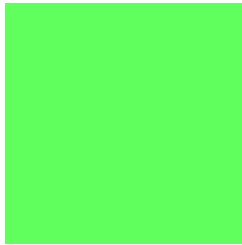
14.4124, 0.3162, 0.1515



1.4087, 0.3167, 0.1518

Previews

White Background



This preview shows how the Yxy color 74.8695, 0.3043, 0.5334 looks on a white background.

Color Contrast Check

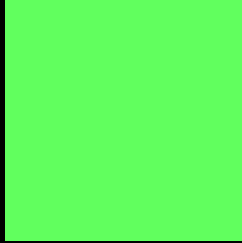
Large Text (above 18pt) WCAG AA × Fail

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 74.8695, 0.3043, 0.5334 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

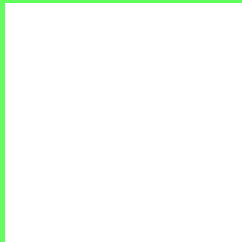
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8695, 0.3043, 0.5334

Background



This preview shows how black text looks on a background with the Yxy color 74.8695, 0.3043, 0.5334.

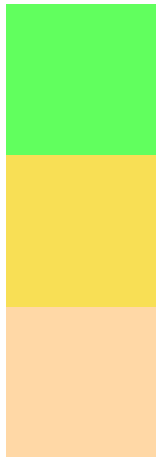


This preview shows how white text looks on a background with the Yxy color 74.8695, 0.3043, 0.5334.

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

74.8695, 0.3043, 0.5334

Protanopia

73.3877, 0.4188, 0.4605

Deuteranopia

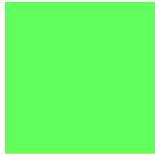
73.1249, 0.3782, 0.3805



Tritanopia

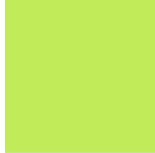
73.9914, 0.2515, 0.3082

Trichromacy



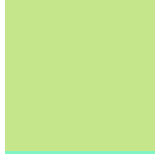
Original Color

74.8695, 0.3043, 0.5334



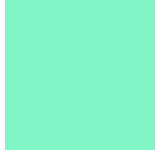
Protanomaly

71.4587, 0.3684, 0.4924



Deuteranomaly

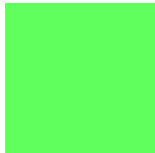
70.4928, 0.3471, 0.4344



Tritanomaly

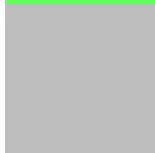
73.3540, 0.2727, 0.3894

Monochromacy



Original Color

74.8695, 0.3043, 0.5334



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

56.9895, 0.3104, 0.4082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8695, 0.3043, 0.5334 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, 94)` looks like.

```
.text, #text, p{  
    color:rgb(97, 255, 94)  
}
```

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, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 255, 94) }
```

Border

The CSS property to change the border of an element to Yxy 74.8695, 0.3043, 0.5334 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, 94) }
```

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

```
.border{ border-color:rgb(97, 255, 94) }
```

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, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 255, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 255, 94);  
box-shadow:4px 4px 4px 4px rgb(97, 255,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8695, 0.3043, 0.5334 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, 94) }
```

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

```
.background{ background-color: rgb(97, 255,  
94) }
```

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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