

Converting Colors

Yxy(75.3482, 0.3121, 0.5400)

Have a look what the booklet for
Yxy(75.3482, 0.3121, 0.5400)
contains.

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Color

Yxy(75.3482, 0.3121, 0.5400)

Conversions

Conversions Part 1

Format	Color
Hex	6CFF54
RGB	108, 255, 84
RGB Percent	42%, 100%, 33%
CMY	0.5763, 0.0000, 0.6705
CMYK	0.58, 0.00, 0.67, 0.00
HSL	112°, 100%, 66%
HSV	112°, 67%, 100%
XYZ	43.5485, 75.3482, 20.6370
YIQ	191.5530, -32.7210, -84.3450

Conversions

Conversions Part 2

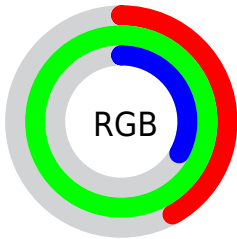
Format	Color
RYB	84, 255, 231
Decimal	7143252
CIELab	89.56, -69.52, 67.11
CIELCh	90, 96.626, 136.011
Yxy	75.3482, 0.3121, 0.5400
Android (android.graphics.Color)	4285333332 (0xFF6CFF54)
YUV	191.5530, -53.0236, -73.2760
Hunter-Lab	86.8033, -62.3540, 46.6665

Details

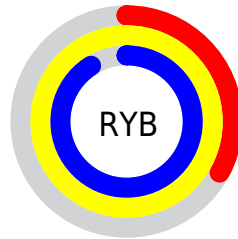
The Yxy color **75.3482, 0.3121, 0.5400** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **30.5462, 0.2970, 0.1675**, and the grayscale version is **52.7752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2137, 0.3238, 0.4623**, and **40.1348, 0.3014, 0.5937** is the 20% darker color. If you saturate the color by 10%, you get **73.8151, 0.3097, 0.5661**, and if you desaturate by 10%, it is **77.3777, 0.3138, 0.5085**.

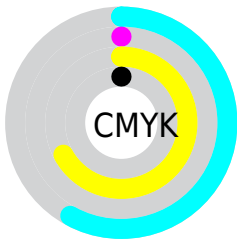
Distribution



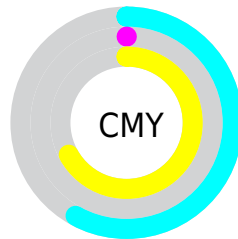
- Red (42%)
- Green (100%)
- Blue (33%)



- Red (33%)
- Yellow (100%)
- Blue (91%)



- Cyan (58%)
- Magenta (0%)
- Yellow (67%)
- Black (0%)





- Cyan (58%)
- Magenta (0%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3482, 0.3121, 0.5400 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 75.3482, 0.3121, 0.5400 by changing the saturation by 10% instead.


 75.3482, 0.3121,
0.5400


 75.3482, 0.3121,
0.5400


479.1135, 0.3201,
0.4360

 55.8982, 0.3080,
0.5642


 126.8051, 0.3167,
0.5033

 40.1213, 0.3016,
0.5937

 159.5808, 0.3179,
0.4891

 27.6331, 0.2915,
0.6303


 197.5673, 0.3188,
0.4770

 18.0493, 0.2752,
0.6755

 241.1488, 0.3193,
0.4666

 10.9854, 0.2523,
0.7426

290.7097, 0.3197,
0.4574

 6.0570, 0.2039,
0.7961


346.6346, 0.3199,

 2.8798, 0.1113,


0.4494


0.8887


409.3077, 0.3200,
0.4423

 1.0693, 0.0000,
1.0000

 0.0000, 0.0000,
0.0000


 75.3482, 0.3121,
0.5400


 75.3482, 0.3121,
0.5400


 73.8151, 0.3097,
0.5661


 77.3777, 0.3138,
0.5085


 72.7269, 0.3069,
0.5848

 79.9329, 0.3148,
0.4742


 72.0349, 0.3039,
0.5954

 83.0506, 0.3151,
0.4394

 71.8922, 0.3032,
0.5975

 86.7621, 0.3149,
0.4059

 91.0962, 0.3143,
0.3749

 96.0798, 0.3134,
0.3469

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.



75.3482, 0.4129, 0.5206



75.3482, 0.3121, 0.5400



75.3482, 0.2165, 0.4552

Triad

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



75.3482, 0.3121, 0.5400



75.3482, 0.1449, 0.1786



75.3482, 0.4974, 0.2997

Complementary

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



75.3482, 0.3121, 0.5400



30.5462, 0.2970, 0.1675

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.



75.3482, 0.3940, 0.2363



75.3482, 0.3121, 0.5400



75.3482, 0.1918, 0.1701

Square

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



75.3482, 0.3121, 0.5400



75.3482, 0.1320, 0.2241



75.3482, 0.2775, 0.1905



75.3482, 0.5333, 0.3713

Rectangle

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



75.3482, 0.3121, 0.5400



75.3482, 0.1698, 0.3640



75.3482, 0.2775, 0.1905



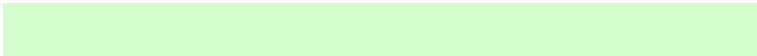
75.3482, 0.4683, 0.2773

Sweetspot

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



75.3510, 0.3121, 0.5400



89.7533, 0.3145, 0.3837



78.1337, 0.4203, 0.4628



18.9477, 0.3147, 0.3924



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.



75.3510, 0.3121, 0.5400



73.4502, 0.3089, 0.5725



75.4146, 0.2806, 0.4761



20.2905, 0.3137, 0.3534



37.6021, 0.3038, 0.5970



3.6965, 0.3095, 0.5924

Inverse Universe

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



30.5462, 0.2970, 0.1675



25.8098, 0.2923, 0.1488



31.5495, 0.3856, 0.2241



18.1634, 0.3115, 0.3054



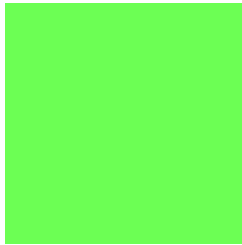
11.7047, 0.2856, 0.1347



1.1736, 0.2898, 0.1370

Previews

White Background



This preview shows how the Yxy color 75.3482, 0.3121, 0.5400 looks on a white background.

Color Contrast Check

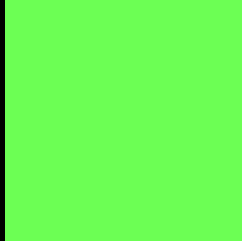
Large Text (above 18pt) WCAG AA × Fail

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 75.3482, 0.3121, 0.5400 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

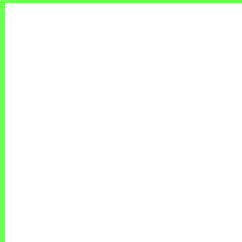
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3482, 0.3121, 0.5400

Background



This preview shows how black text looks on a background with the Yxy color 75.3482, 0.3121, 0.5400.

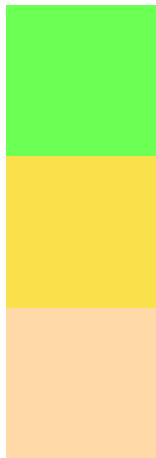


This preview shows how white text looks on a background with the Yxy color 75.3482, 0.3121, 0.5400.

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

75.3482, 0.3121, 0.5400

Protanopia

74.1433, 0.4238, 0.4666

Deuteranopia

73.6757, 0.3771, 0.3805



Tritanopia

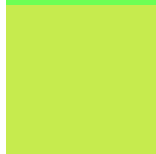
74.5607, 0.2542, 0.3084

Trichromacy



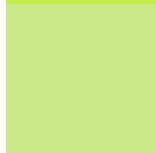
Original Color

75.3482, 0.3121, 0.5400



Protanomaly

71.9725, 0.3761, 0.4978



Deuteranomaly

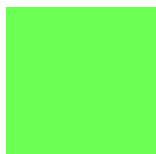
71.5145, 0.3516, 0.4377



Tritanomaly

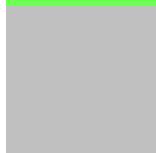
73.8700, 0.2780, 0.3927

Monochromacy



Original Color

75.3482, 0.3121, 0.5400



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

58.4779, 0.3145, 0.4110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3482, 0.3121, 0.5400 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(108, 255, 84)` looks like.

```
.text, #text, p{  
    color:rgb(108, 255, 84)  
}
```

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(108, 255, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 255, 84) }
```

Border

The CSS property to change the border of an element to Yxy 75.3482, 0.3121, 0.5400 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(108, 255, 84) }
```

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

```
.border{ border-color:rgb(108, 255, 84) }
```

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

Here you see how a box with a 4 pixel rgb(108, 255, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 255, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 255, 84);  
box-shadow:4px 4px 4px 4px rgb(108, 255,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3482, 0.3121, 0.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 255, 84) }
```

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

```
.background{ background-color: rgb(108,  
255, 84) }
```

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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