

Converting Colors

$Y_{xy}(71.4110, 0.2959, 0.5326)$

Have a look what the booklet for
Yxy(71.4110, 0.2959, 0.5326)
contains.

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Color

Yxy(71.4352, 0.2960, 0.5325)

Conversions

Conversions Part 1

Format	Color
Hex	4DFB61
RGB	77, 251, 97
RGB Percent	30%, 98%, 38%
CMY	0.6985, 0.0156, 0.6196
CMYK	0.69, 0.00, 0.61, 0.02
HSL	127°, 96%, 64%
HSV	127°, 69%, 98%
XYZ	39.7086, 71.4352, 23.0068
YIQ	181.4180, -54.2700, -84.7820

Conversions

Conversions Part 2

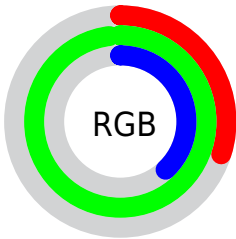
Format	Color
RYB	77, 233, 251
Decimal	5110625
CIELab	87.70, -73.18, 59.66
CIELCh	88, 94.422, 140.811
Yxy	71.4352, 0.2960, 0.5325
Android (android.graphics.Color)	4283300705 (0xFF4DFB61)
YUV	181.4180, -41.6181, -91.5746
Hunter-Lab	84.5193, -64.0466, 43.0243

Details

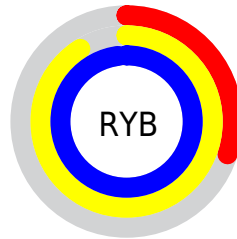
The Yxy color **71.4352, 0.2960, 0.5325** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed spring green. A complement of this color would be **31.5655, 0.3403, 0.1890**, and the grayscale version is **46.6829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8980, 0.3036, 0.4553**, and **38.2864, 0.2945, 0.5800** is the 20% darker color. If you saturate the color by 10%, you get **70.2317, 0.2959, 0.5591**, and if you desaturate by 10%, it is **73.1628, 0.2970, 0.5017**.

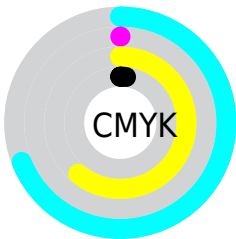
Distribution



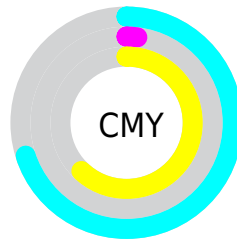
- Red (30%)
- Green (98%)
- Blue (38%)



- Red (30%)
- Yellow (91%)
- Blue (98%)



- Cyan (69%)
- Magenta (0%)
- Yellow (61%)
- Black (2%)




- Cyan (70%)
- Magenta (2%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.4352, 0.2960, 0.5325 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 71.4352, 0.2960, 0.5325 by changing the saturation by 10% instead.


 71.4352, 0.2960,
0.5325


 71.4352, 0.2960,
0.5325


465.5733, 0.3104,
0.4301


 52.6974, 0.2907,
0.5571


 121.2532, 0.3026,
0.4957

 37.5613, 0.2830,
0.5878


 153.1022, 0.3047,
0.4818

 25.6424, 0.2715,
0.6267


 190.0904, 0.3063,
0.4699

 16.5563, 0.2536,
0.6763

 232.6022, 0.3075,
0.4597

 9.9186, 0.2265,
0.7455

281.0220, 0.3085,
0.4508

 5.3450, 0.1785,
0.8215


335.7342, 0.3093,

 2.4511, 0.0299,


0.4430


0.9701


397.1232, 0.3099,
0.4362


 0.8520, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 71.4352, 0.2960,
0.5325


 71.4352, 0.2960,
0.5325


 70.2317, 0.2959,
0.5591


 73.1628, 0.2970,
0.5017


 69.4842, 0.2967,
0.5794


 75.4558, 0.2989,
0.4688

 69.1080, 0.2980,
0.5925


 78.3616, 0.3013,
0.4360


 69.0908, 0.2981,
0.5931

 81.9199, 0.3041,
0.4048

 86.1672, 0.3070,
0.3761

 91.1374, 0.3100,
0.3503

 96.8620, 0.3129,
0.3277

 97.4820, 0.3129,
0.3252

Harmonies

Analogous

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



71.4352, 0.3972, 0.5281



71.4352, 0.2960, 0.5325



71.4352, 0.2042, 0.4334

Triad

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



71.4352, 0.2960, 0.5325



71.4352, 0.1507, 0.1757



71.4352, 0.5075, 0.3110

Complementary

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



71.4352, 0.2960, 0.5325



31.5655, 0.3403, 0.1890

Split Complementary

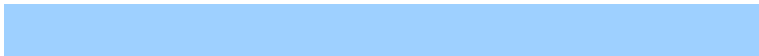
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.4352, 0.4126, 0.2459



71.4352, 0.2960, 0.5325



71.4352, 0.2033, 0.1721

Square

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



71.4352, 0.2960, 0.5325



71.4352, 0.1325, 0.2143



71.4352, 0.2948, 0.1968



71.4352, 0.5306, 0.3834

Rectangle

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



71.4352, 0.2960, 0.5325



71.4352, 0.1621, 0.3426



71.4352, 0.2948, 0.1968



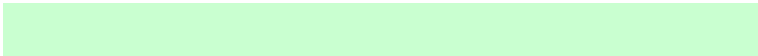
71.4352, 0.4823, 0.2882

Sweetspot

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



71.4382, 0.2960, 0.5325



88.5364, 0.3065, 0.3806



86.9608, 0.3941, 0.4921



18.6815, 0.3057, 0.3884



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.



71.4382, 0.2960, 0.5325



72.4563, 0.2961, 0.5674



73.9258, 0.2615, 0.4210



19.3419, 0.3100, 0.3506



36.3235, 0.2977, 0.5916



3.3744, 0.2934, 0.5762

Inverse Universe

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



31.5655, 0.3403, 0.1890



28.7564, 0.3463, 0.1764



27.8947, 0.4503, 0.2635



17.4880, 0.3156, 0.3083



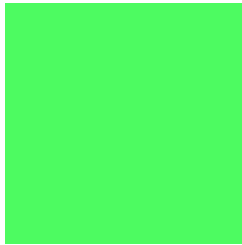
13.5662, 0.3524, 0.1715



1.2660, 0.3482, 0.1692

Previews

White Background



This preview shows how the Yxy color 71.4352, 0.2960, 0.5325 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 71.4352, 0.2960, 0.5325 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 71.4352, 0.2960, 0.5325

Background



This preview shows how black text looks on a background with the Yxy color 71.4352, 0.2960, 0.5325.

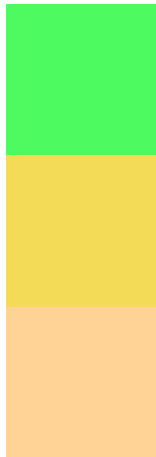


This preview shows how white text looks on a background with the Yxy color 71.4352, 0.2960, 0.5325.

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

71.4352, 0.2960, 0.5325

Protanopia

69.8856, 0.4173, 0.4574

Deuteranopia

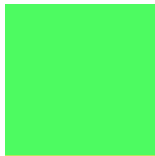
69.5552, 0.3922, 0.3909



Tritanopia

70.7834, 0.2414, 0.3064

Trichromacy



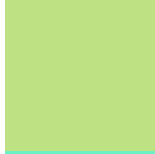
Original Color

71.4352, 0.2960, 0.5325



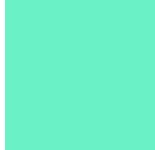
Protanomaly

67.4162, 0.3618, 0.4906



Deuteranomaly

66.4363, 0.3478, 0.4422



Tritanomaly

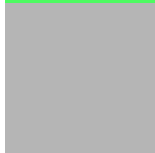
70.0060, 0.2618, 0.3861

Monochromacy



Original Color

71.4352, 0.2960, 0.5325



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

52.1843, 0.3040, 0.4078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4352, 0.2960, 0.5325 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(77, 251, 97)` looks like.

```
.text, #text, p{  
    color:rgb(77, 251, 97)  
}
```

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(77, 251, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 251, 97) }
```

Border

The CSS property to change the border of an element to Yxy 71.4352, 0.2960, 0.5325 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(77, 251, 97) }
```

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

```
.border{ border-color:rgb(77, 251, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 251, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 251, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 251, 97);  
box-shadow:4px 4px 4px 4px rgb(77, 251,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4352, 0.2960, 0.5325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 251, 97) }
```

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

```
.background{ background-color: rgb(77, 251,  
97) }
```

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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