

Converting Colors

$Yxy(71.3119, 0.2893, 0.4623)$

Have a look what the booklet for
Yxy(71.3119, 0.2893, 0.4623)
contains.

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Color

Yxy(71.3354, 0.2894, 0.4627)

Conversions

Conversions Part 1

Format	Color
Hex	6FF691
RGB	111, 246, 145
RGB Percent	44%, 96%, 57%
CMY	0.5650, 0.0353, 0.4312
CMYK	0.55, 0.00, 0.41, 0.04
HSL	135°, 88%, 70%
HSV	135°, 55%, 96%
XYZ	44.6174, 71.3354, 38.2192
YIQ	194.1210, -48.0390, -60.0310

Conversions

Conversions Part 2

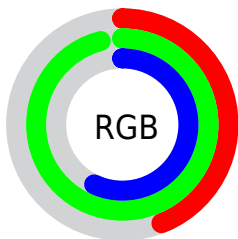
Format	Color
RYB	111, 219, 246
Decimal	7337617
CIELab	87.65, -58.17, 37.62
CIELCh	88, 69.273, 147.106
Yxy	71.3354, 0.2894, 0.4627
Android (android.graphics.Color)	4285527697 (0xFF6FF691)
YUV	194.1210, -24.2167, -72.8971
Hunter-Lab	84.4603, -53.5103, 32.2928

Details

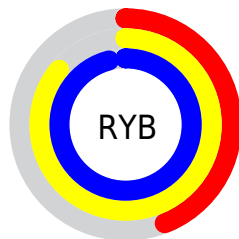
The Yxy color **71.3354, 0.2894, 0.4627** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **35.6965, 0.3529, 0.2267**, and the grayscale version is **54.1840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3481, 0.2930, 0.3924**, and **37.6777, 0.2805, 0.5002** is the 20% darker color. If you saturate the color by 10%, you get **69.4351, 0.2876, 0.4914**, and if you desaturate by 10%, it is **73.7726, 0.2924, 0.4341**.

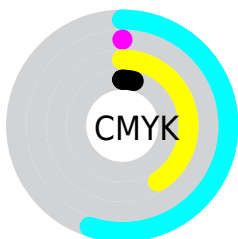
Distribution



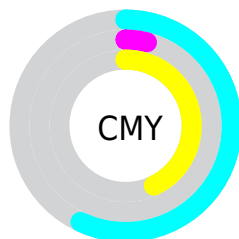
- Red (44%)
- Green (96%)
- Blue (57%)



- Red (44%)
- Yellow (86%)
- Blue (96%)



- Cyan (55%)
- Magenta (0%)
- Yellow (41%)
- Black (4%)




- Cyan (57%)
- Magenta (4%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3354, 0.2894, 0.4627 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 71.3354, 0.2894, 0.4627 by changing the saturation by 10% instead.

 71.3354, 0.2894,
0.4627

 71.3354, 0.2894,
0.4627


465.2251, 0.3030,
0.3959


 52.6160, 0.2855,
0.4791


 121.1112, 0.2947,
0.4386

 37.4963, 0.2803,
0.4999


 152.9363, 0.2966,
0.4295

 25.5920, 0.2730,
0.5271


 189.8988, 0.2982,
0.4217

 16.5186, 0.2621,
0.5637

232.3830, 0.2994,
0.4151

 9.8919, 0.2451,
0.6151

280.7733, 0.3005,
0.4093

 5.3273, 0.2168,
0.6919

335.4542, 0.3015,

 2.4406, 0.1519,

0.4043

0.8481

396.8099, 0.3023,
0.3998

0.8466, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

71.3354, 0.2894,
0.4627

71.3354, 0.2894,
0.4627

69.4351, 0.2876,
0.4914

73.7726, 0.2924,
0.4341

68.0215, 0.2872,
0.5190


76.7748, 0.2963,
0.4068


67.0496, 0.2884,
0.5437

80.3786, 0.3007,
0.3815

66.4611, 0.2909,
0.5642

84.6150, 0.3055,
0.3586

 66.2671, 0.2925,
0.5728

 89.5126, 0.3103,
0.3381

 94.3980, 0.3131,
0.3204

Harmonies

Analogous

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



71.3354, 0.3688, 0.4834



71.3354, 0.2894, 0.4627



71.3354, 0.2207, 0.3846

Triad

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



71.3354, 0.2894, 0.4627



71.3354, 0.1920, 0.2068



71.3354, 0.4656, 0.3324

Complementary

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



71.3354, 0.2894, 0.4627



35.6965, 0.3529, 0.2267

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.



71.3354, 0.4046, 0.2764



71.3354, 0.2894, 0.4627



71.3354, 0.2422, 0.2076

Square

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



71.3354, 0.2894, 0.4627



71.3354, 0.1711, 0.2344



71.3354, 0.3188, 0.2324



71.3354, 0.4759, 0.3928

Rectangle

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



71.3354, 0.2894, 0.4627



71.3354, 0.1899, 0.3233



71.3354, 0.3188, 0.2324



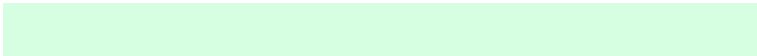
71.3354, 0.4502, 0.3129

Sweetspot

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



71.3383, 0.2894, 0.4627



91.2554, 0.3049, 0.3610



81.0969, 0.3676, 0.4729



19.3207, 0.3039, 0.3656



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.



71.3383, 0.2894, 0.4627



75.1220, 0.2875, 0.4949



74.0585, 0.2577, 0.3712



18.5407, 0.3081, 0.3472



35.3863, 0.2917, 0.5702



3.1260, 0.2852, 0.5466

Inverse Universe

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



35.6965, 0.3529, 0.2267



32.8069, 0.3642, 0.2112



32.9830, 0.4346, 0.2939



16.6926, 0.3177, 0.3115



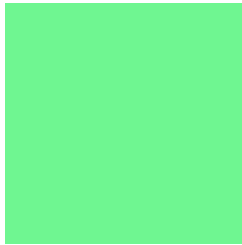
12.3263, 0.3972, 0.1962



1.0998, 0.3855, 0.1897

Previews

White Background



This preview shows how the Yxy color 71.3354, 0.2894, 0.4627 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 71.3354, 0.2894, 0.4627 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 71.3354, 0.2894, 0.4627

Background



This preview shows how black text looks on a background with the Yxy color 71.3354, 0.2894, 0.4627.



This preview shows how white text looks on a background with the Yxy color 71.3354, 0.2894, 0.4627.

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

71.3354, 0.2894, 0.4627

Protanopia

70.0412, 0.3862, 0.4185

Deuteranopia

69.9975, 0.3826, 0.3777



Tritanopia

70.7951, 0.2484, 0.3066

Trichromacy



Original Color

71.3354, 0.2894, 0.4627



Protanomaly

68.5283, 0.3443, 0.4364



Deuteranomaly

67.8722, 0.3426, 0.4078



Tritanomaly

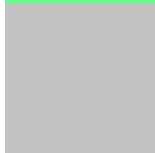
70.6203, 0.2633, 0.3601

Monochromacy



Original Color

71.3354, 0.2894, 0.4627



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

58.6156, 0.3019, 0.3770

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3354, 0.2894, 0.4627 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(111, 246, 145)` looks like.

```
.text, #text, p{  
    color:rgb(111, 246, 145)  
}
```

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(111, 246, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 246, 145) }
```

Border

The CSS property to change the border of an element to Yxy 71.3354, 0.2894, 0.4627 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(111, 246, 145) }
```

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

```
.border{ border-color:rgb(111, 246, 145) }
```

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

Here you see how a box with a 4 pixel rgb(111, 246, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 246, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 246, 145);  
box-shadow:4px 4px 4px 4px rgb(111, 246,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3354, 0.2894, 0.4627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 246, 145) }
```

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

```
.background{ background-color: rgb(111,  
246, 145) }
```

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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