

Converting Colors

$Yxy(74.4883, 0.2710, 0.4428)$

Have a look what the booklet for
Yxy(74.4883, 0.2710, 0.4428)
contains.

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Color

Yxy(74.3524, 0.2712, 0.4428)

Conversions

Conversions Part 1

Format	Color
Hex	56FCA6
RGB	86, 252, 166
RGB Percent	34%, 99%, 65%
CMY	0.6623, 0.0118, 0.3490
CMYK	0.66, 0.00, 0.34, 0.01
HSL	149°, 97%, 66%
HSV	149°, 66%, 99%
XYZ	45.5383, 74.3524, 48.0235
YIQ	192.5620, -71.3300, -61.9380

Conversions

Conversions Part 2

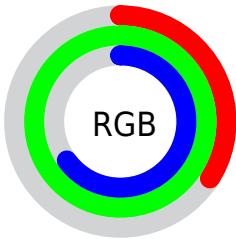
Format	Color
R _Y B	86, 198, 252
Decimal	5700774
CIE Lab	89.09, -61.72, 28.95
CIE LCh	89, 68.174, 154.874
Yxy	74.3524, 0.2712, 0.4428
Android (android.graphics.Color)	4283890854 (0xFF56FCA6)
YUV	192.5620, -13.0951, -93.4549
Hunter-Lab	86.2278, -56.6300, 27.3387

Details

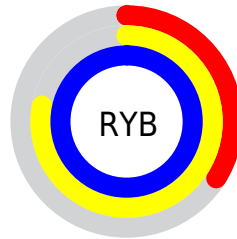
The Yxy color **74.3524, 0.2712, 0.4428** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **30.3526, 0.4123, 0.2457**, and the grayscale version is **53.1872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4693, 0.2723, 0.3672**, and **39.7758, 0.2646, 0.4725** is the 20% darker color. If you saturate the color by 10%, you get **72.9055, 0.2700, 0.4634**, and if you desaturate by 10%, it is **76.2756, 0.2743, 0.4223**.

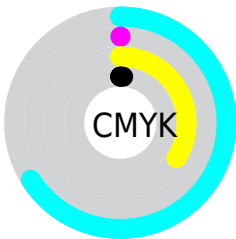
Distribution



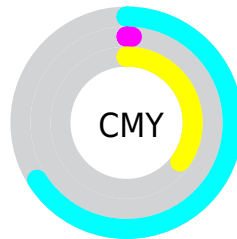
- Red (34%)
- Green (99%)
- Blue (65%)



- Red (34%)
- Yellow (78%)
- Blue (99%)



- Cyan (66%)
- Magenta (0%)
- Yellow (34%)
- Black (1%)




- Cyan (66%)
- Magenta (1%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3524, 0.2712, 0.4428 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 74.3524, 0.2712, 0.4428 by changing the saturation by 10% instead.


 74.3524, 0.2712,
0.4428

 74.3524, 0.2712,
0.4428


475.6887, 0.2923,
0.3865


 55.0825, 0.2659,
0.4565

 125.3952, 0.2789,
0.4225


 39.4678, 0.2592,
0.4739


 157.9370, 0.2818,
0.4149

 27.1238, 0.2502,
0.4967


 195.6714, 0.2842,
0.4084

 17.6662, 0.2379,
0.5274

 238.9831, 0.2863,
0.4028

 10.7106, 0.2200,
0.5711

288.2562, 0.2881,
0.3979

 5.8726, 0.1922,
0.6364

343.8753, 0.2896,

 2.7678, 0.1415,


0.3936

0.7804


406.2246, 0.2910,
0.3899

 1.0117, 0.0000,
1.0000

 0.0000, 0.0000,
0.0000

 74.3524, 0.2712,
0.4428


 74.3524, 0.2712,
0.4428

 72.9055, 0.2700,
0.4634

 76.2756, 0.2743,
0.4223

 71.8778, 0.2708,
0.4836


 78.7074, 0.2791,
0.4025

 71.2133, 0.2736,
0.5026

 81.6872, 0.2852,
0.3838

 71.0073, 0.2751,
0.5102

 85.2481, 0.2922,
0.3665

 89.4204, 0.2999,
0.3507

 94.2325, 0.3080,
0.3365

 98.0984, 0.3128,
0.3261

Harmonies

Analogous

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



74.3524, 0.3480, 0.4795



74.3524, 0.2712, 0.4428



74.3524, 0.2100, 0.3597

Triad

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



74.3524, 0.2712, 0.4428



74.3524, 0.2050, 0.2076



74.3524, 0.4689, 0.3479

Complementary

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



74.3524, 0.2712, 0.4428



30.3526, 0.4123, 0.2457

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.



74.3524, 0.4210, 0.2913



74.3524, 0.2712, 0.4428



74.3524, 0.2614, 0.2147

Square

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



74.3524, 0.2712, 0.4428



74.3524, 0.1771, 0.2271



74.3524, 0.3407, 0.2443



74.3524, 0.4659, 0.4071

Rectangle

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



74.3524, 0.2712, 0.4428



74.3524, 0.1852, 0.3027



74.3524, 0.3407, 0.2443



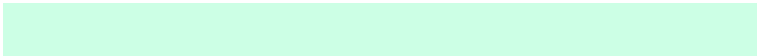
74.3524, 0.4583, 0.3284

Sweetspot

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



74.3554, 0.2712, 0.4428



89.9898, 0.2966, 0.3571



79.3584, 0.3495, 0.5129



19.0059, 0.2945, 0.3616



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.



74.3554, 0.2712, 0.4428



74.5118, 0.2700, 0.4700



78.2850, 0.2372, 0.3354



19.4485, 0.3050, 0.3416



37.0193, 0.2742, 0.5072



3.4499, 0.2680, 0.4848

Inverse Universe

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



30.3526, 0.4123, 0.2457



26.3251, 0.4432, 0.2395



28.1359, 0.5241, 0.3248



17.3755, 0.3212, 0.3168



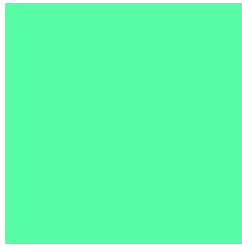
11.6592, 0.4884, 0.2464



1.1013, 0.4629, 0.2324

Previews

White Background



This preview shows how the Yxy color 74.3524, 0.2712, 0.4428 looks on a white background.

Color Contrast Check

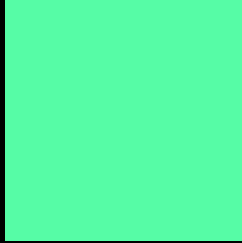
Large Text (above 18pt) WCAG AA × Fail

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 74.3524, 0.2712, 0.4428 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 74.3524, 0.2712, 0.4428

Background



This preview shows how black text looks on a background with the Yxy color 74.3524, 0.2712, 0.4428.

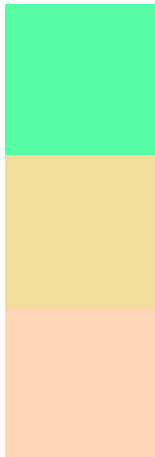


This preview shows how white text looks on a background with the Yxy color 74.3524, 0.2712, 0.4428.

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

74.3524, 0.2712, 0.4428

Protanopia

73.0677, 0.3735, 0.4025

Deuteranopia

72.6893, 0.3678, 0.3631



Tritanopia

73.8580, 0.2481, 0.3092

Trichromacy



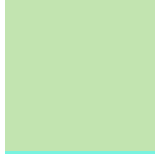
Original Color

74.3524, 0.2712, 0.4428



Protanomaly

70.9368, 0.3256, 0.4194



Deuteranomaly

70.0907, 0.3222, 0.3905



Tritanomaly

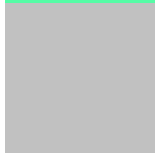
73.4220, 0.2557, 0.3535

Monochromacy



Original Color

74.3524, 0.2712, 0.4428



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

58.3821, 0.2907, 0.3696

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3524, 0.2712, 0.4428 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(86, 252, 166)` looks like.

```
.text, #text, p{  
    color:rgb(86, 252, 166)  
}
```

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(86, 252, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 252, 166) }
```

Border

The CSS property to change the border of an element to Yxy 74.3524, 0.2712, 0.4428 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(86, 252, 166) }
```

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

```
.border{ border-color:rgb(86, 252, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 252, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 252, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 252, 166);  
box-shadow:4px 4px 4px 4px rgb(86, 252,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3524, 0.2712, 0.4428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 252, 166) }
```

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

```
.background{ background-color: rgb(86, 252,  
166) }
```

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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