

Converting Colors

Yxy(75.9584, 0.2900, 0.4937)

Have a look what the booklet for
Yxy(75.9584, 0.2900, 0.4937)
contains.

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Color

Yxy(75.5114, 0.2897, 0.4927)

Conversions

Conversions Part 1

Format	Color
Hex	5EFF82
RGB	94, 255, 130
RGB Percent	37%, 100%, 51%
CMY	0.6316, 0.0000, 0.4902
CMYK	0.63, 0.00, 0.49, 0.00
HSL	133°, 100%, 68%
HSV	133°, 63%, 100%
XYZ	44.3995, 75.5114, 33.3495
YIQ	192.6110, -55.8310, -73.0070

Conversions

Conversions Part 2

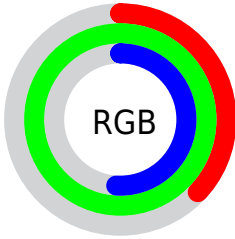
Format	Color
RYB	94, 226, 255
Decimal	6225794
CIELab	89.63, -67.35, 47.31
CIELCh	90, 82.308, 144.916
Yxy	75.5114, 0.2897, 0.4927
Android (android.graphics.Color)	4284415874 (0xFF5EFF82)
YUV	192.6110, -30.8672, -86.4818
Hunter-Lab	86.8973, -60.8670, 38.0738

Details

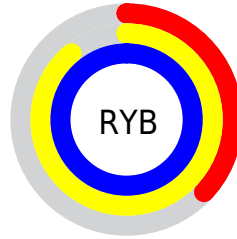
The Yxy color **75.5114, 0.2897, 0.4927** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **34.3653, 0.3561, 0.2109**, and the grayscale version is **53.2839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3937, 0.2942, 0.4122**, and **40.4683, 0.2823, 0.5361** is the 20% darker color. If you saturate the color by 10%, you get **73.8947, 0.2891, 0.5211**, and if you desaturate by 10%, it is **77.6677, 0.2916, 0.4630**.

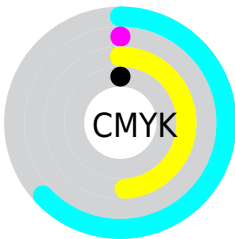
Distribution



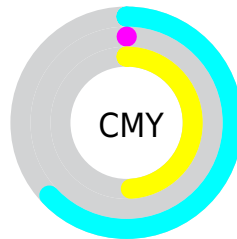
- Red (37%)
- Green (100%)
- Blue (51%)



- Red (37%)
- Yellow (89%)
- Blue (100%)



- Cyan (63%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)





- Cyan (63%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5114, 0.2897, 0.4927 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 75.5114, 0.2897, 0.4927 by changing the saturation by 10% instead.


 75.5114, 0.2897,
0.4927


 75.5114, 0.2897,
0.4927


479.6735, 0.3044,
0.4111

 56.0319, 0.2852,
0.5125


 127.0360, 0.2957,
0.4634

 40.2285, 0.2790,
0.5373


 159.8500, 0.2978,
0.4523

 27.7168, 0.2703,
0.5693


 197.8775, 0.2994,
0.4428

 18.1123, 0.2571,
0.6116

241.5031, 0.3008,
0.4347

 11.0306, 0.2364,
0.6688

291.1111, 0.3019,
0.4276

 6.0874, 0.2057,
0.7612

347.0859, 0.3029,

 2.8983, 0.1270,

0.4214

0.8730

409.8119, 0.3037,
0.4160

■ 1.0789, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 75.5114, 0.2897,
0.4927

■ 75.5114, 0.2897,
0.4927

■ 73.8947, 0.2891,
0.5211

■ 77.6677, 0.2916,
0.4630

■ 72.7773, 0.2900,
0.5465


■ 80.4200, 0.2945,
0.4335

■ 72.0932, 0.2921,
0.5673

■ 83.8046, 0.2982,
0.4054

■ 71.8162, 0.2940,
0.5785

■ 87.8582, 0.3024,
0.3794

 92.6147, 0.3068,
0.3559

 98.1056, 0.3113,
0.3351

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.



75.5114, 0.3798, 0.5068



75.5114, 0.2897, 0.4927



75.5114, 0.2107, 0.4021

Triad

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



75.5114, 0.2897, 0.4927



75.5114, 0.1733, 0.1914



75.5114, 0.4872, 0.3250

Complementary

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



75.5114, 0.2897, 0.4927



34.3653, 0.3561, 0.2109

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.



75.5114, 0.4125, 0.2641



75.5114, 0.2897, 0.4927



75.5114, 0.2262, 0.1910

Square

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



75.5114, 0.2897, 0.4927



75.5114, 0.1526, 0.2231



75.5114, 0.3116, 0.2167



75.5114, 0.5012, 0.3920

Rectangle

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



75.5114, 0.2897, 0.4927



75.5114, 0.1752, 0.3280



75.5114, 0.3116, 0.2167



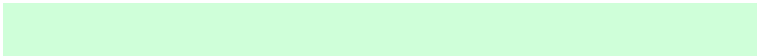
75.5114, 0.4680, 0.3038

Sweetspot

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



75.5077, 0.2897, 0.4927



89.7511, 0.3042, 0.3693



87.5586, 0.3765, 0.4897



18.9292, 0.3030, 0.3762



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.



75.5077, 0.2897, 0.4927



73.5298, 0.2892, 0.5287



78.5178, 0.2553, 0.3860



20.2347, 0.3085, 0.3480



37.5438, 0.2934, 0.5761



3.6711, 0.2877, 0.5558

Inverse Universe

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



34.3653, 0.3561, 0.2109



29.3530, 0.3677, 0.1971



31.1346, 0.4578, 0.2854



18.2267, 0.3172, 0.3107



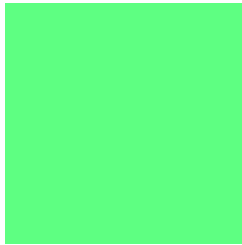
13.2608, 0.3873, 0.1907



1.3074, 0.3782, 0.1857

Previews

White Background



This preview shows how the Yxy color 75.5114, 0.2897, 0.4927 looks on a white background.

Color Contrast Check

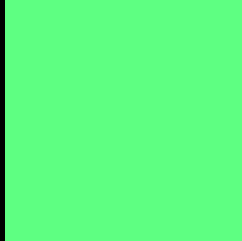
Large Text (above 18pt) WCAG AA × Fail

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 75.5114, 0.2897, 0.4927 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 75.5114, 0.2897, 0.4927

Background



This preview shows how black text looks on a background with the Yxy color 75.5114, 0.2897, 0.4927.

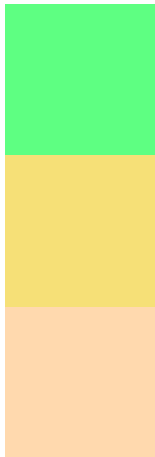


This preview shows how white text looks on a background with the Yxy color 75.5114, 0.2897, 0.4927.

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

75.5114, 0.2897, 0.4927

Protanopia

74.2360, 0.3990, 0.4356

Deuteranopia

73.9417, 0.3721, 0.3733



Tritanopia

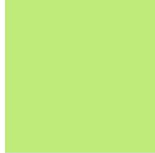
74.7586, 0.2526, 0.3094

Trichromacy



Original Color

75.5114, 0.2897, 0.4927



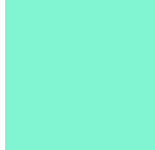
Protanomaly

71.9231, 0.3501, 0.4598



Deuteranomaly

71.3562, 0.3345, 0.4150



Tritanomaly

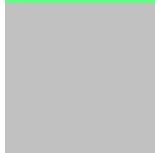
74.0216, 0.2658, 0.3710

Monochromacy



Original Color

75.5114, 0.2897, 0.4927



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

59.1821, 0.3009, 0.3895

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5114, 0.2897, 0.4927 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(94, 255, 130)` looks like.

```
.text, #text, p{  
    color:rgb(94, 255, 130)  
}
```

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(94, 255, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 255, 130) }
```

Border

The CSS property to change the border of an element to Yxy 75.5114, 0.2897, 0.4927 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(94, 255, 130) }
```

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

```
.border{ border-color:rgb(94, 255, 130) }
```

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

Here you see how a box with a 4 pixel rgb(94, 255, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 255, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 255, 130);  
box-shadow:4px 4px 4px 4px rgb(94, 255,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5114, 0.2897, 0.4927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 255, 130) }
```

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

```
.background{ background-color: rgb(94, 255,  
130) }
```

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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