

Converting Colors

Yxy(74.5483, 0.3003, 0.4810)

Have a look what the booklet for
Yxy(74.5483, 0.3003, 0.4810)
contains.

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Color

Yxy(74.7979, 0.3006, 0.4817)

Conversions

Conversions Part 1

Format	Color
Hex	7AFB84
RGB	122, 251, 132
RGB Percent	48%, 98%, 52%
CMY	0.5220, 0.0156, 0.4824
CMYK	0.51, 0.00, 0.47, 0.02
HSL	125°, 94%, 73%
HSV	125°, 51%, 98%
XYZ	46.6769, 74.7979, 33.8042
YIQ	198.8630, -38.6850, -64.3570

Conversions

Conversions Part 2

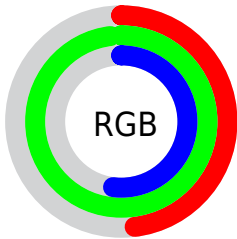
Format	Color
RYB	122, 242, 251
Decimal	8059780
CIELab	89.30, -59.39, 46.12
CIELCh	89, 75.198, 142.168
Yxy	74.7979, 0.3006, 0.4817
Android (android.graphics.Color)	4286249860 (0xFF7AFB84)
YUV	198.8630, -32.9635, -67.4089
Hunter-Lab	86.4858, -55.0126, 37.3657

Details

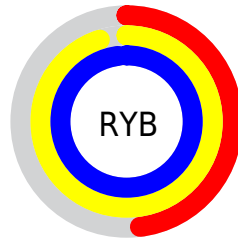
The Yxy color **74.7979, 0.3006, 0.4817** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **40.7527, 0.3276, 0.2133**, and the grayscale version is **57.2342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0529, 0.3061, 0.4067**, and **39.5890, 0.2927, 0.5219** is the 20% darker color. If you saturate the color by 10%, you get **72.6363, 0.2990, 0.5151**, and if you desaturate by 10%, it is **77.5792, 0.3027, 0.4476**.

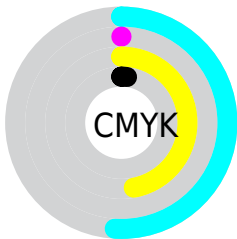
Distribution



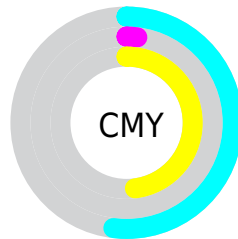
- Red (48%)
- Green (98%)
- Blue (52%)



- Red (48%)
- Yellow (95%)
- Blue (98%)



- Cyan (51%)
- Magenta (0%)
- Yellow (47%)
- Black (2%)





- Cyan (52%)
- Magenta (2%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7979, 0.3006, 0.4817 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 74.7979, 0.3006, 0.4817 by changing the saturation by 10% instead.


 74.7979, 0.3006,
0.4817

 74.7979, 0.3006,
0.4817


477.2226, 0.3098,
0.4060

 55.4473, 0.2974,
0.5000

 126.0262, 0.3046,
0.4546

 39.7600, 0.2930,
0.5229


 158.6728, 0.3059,
0.4443

 27.3515, 0.2864,
0.5524

 196.5202, 0.3070,
0.4355

 17.8374, 0.2761,
0.5914

239.9527, 0.3078,
0.4279

 10.8333, 0.2592,
0.6443

289.3548, 0.3085,
0.4214

 5.9548, 0.2334,
0.7290


345.1109, 0.3090,

 2.8176, 0.1709,


0.4156


0.8291

407.6054, 0.3095,
0.4105


 1.0373, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 74.7979, 0.3006,
0.4817


 74.7979, 0.3006,
0.4817


 72.6363, 0.2990,
0.5151


 77.5792, 0.3027,
0.4476

 71.0384, 0.2980,
0.5453


 81.0126, 0.3051,
0.4147


 69.9539, 0.2978,
0.5701


 85.1393, 0.3075,
0.3841

 69.3193, 0.2983,
0.5875

 89.9946, 0.3100,
0.3566

 69.0542, 0.2989,
0.5962

 95.6113, 0.3124,
0.3322

 97.4850, 0.3129,
0.3252

Harmonies

Analogous

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



74.7979, 0.3842, 0.4906



74.7979, 0.3006, 0.4817



74.7979, 0.2247, 0.4049

Triad

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



74.7979, 0.3006, 0.4817



74.7979, 0.1796, 0.2023



74.7979, 0.4686, 0.3213

Complementary

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



74.7979, 0.3006, 0.4817



40.7527, 0.3276, 0.2133

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.



74.7979, 0.3963, 0.2643



74.7979, 0.3006, 0.4817



74.7979, 0.2269, 0.1990

Square

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



74.7979, 0.3006, 0.4817



74.7979, 0.1628, 0.2362



74.7979, 0.3040, 0.2211



74.7979, 0.4883, 0.3843

Rectangle

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



74.7979, 0.3006, 0.4817



74.7979, 0.1891, 0.3379



74.7979, 0.3040, 0.2211



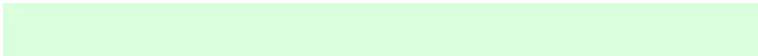
74.7979, 0.4493, 0.3013

Sweetspot

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



74.8010, 0.3006, 0.4817



91.3870, 0.3091, 0.3660



89.3574, 0.3818, 0.4563



19.3321, 0.3086, 0.3718



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.



74.8010, 0.3006, 0.4817



75.1657, 0.2989, 0.5170



77.0783, 0.2710, 0.3989



19.3313, 0.3105, 0.3516



36.3001, 0.2986, 0.5950



3.3694, 0.2955, 0.5837

Inverse Universe

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



40.7527, 0.3276, 0.2133



36.2401, 0.3311, 0.1947



37.6149, 0.3945, 0.2710



17.4998, 0.3150, 0.3074



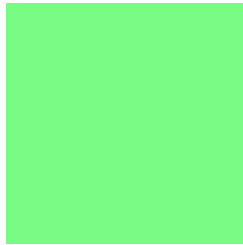
13.8343, 0.3416, 0.1656



1.2881, 0.3389, 0.1640

Previews

White Background



This preview shows how the Yxy color 74.7979, 0.3006, 0.4817 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 74.7979, 0.3006, 0.4817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

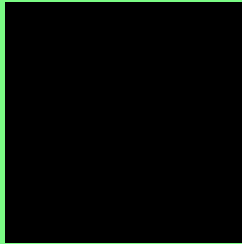
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

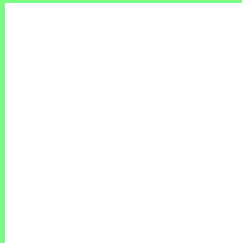
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7979, 0.3006, 0.4817

Background



This preview shows how black text looks on a background with the Yxy color 74.7979, 0.3006, 0.4817.

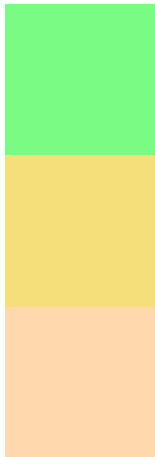


This preview shows how white text looks on a background with the Yxy color 74.7979, 0.3006, 0.4817.

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

74.7979, 0.3006, 0.4817

Protanopia

73.5930, 0.3969, 0.4324

Deuteranopia

73.3889, 0.3731, 0.3734



Tritanopia

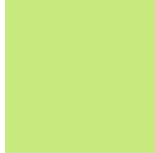
74.6584, 0.2547, 0.3084

Trichromacy



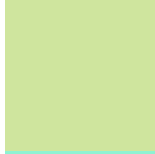
Original Color

74.7979, 0.3006, 0.4817



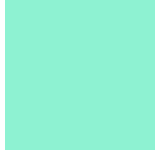
Protanomaly

72.0635, 0.3558, 0.4520



Deuteranomaly

71.7726, 0.3429, 0.4107



Tritanomaly

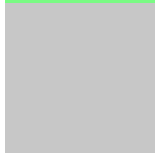
73.9082, 0.2716, 0.3680

Monochromacy



Original Color

74.7979, 0.3006, 0.4817



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

61.8959, 0.3074, 0.3835

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7979, 0.3006, 0.4817 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(122, 251, 132)` looks like.

```
.text, #text, p{  
    color:rgb(122, 251, 132)  
}
```

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(122, 251, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 251, 132) }
```

Border

The CSS property to change the border of an element to Yxy 74.7979, 0.3006, 0.4817 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(122, 251, 132) }
```

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

```
.border{ border-color:rgb(122, 251, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 251, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 251, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 251, 132);  
box-shadow:4px 4px 4px 4px rgb(122, 251,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7979, 0.3006, 0.4817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 251, 132) }
```

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

```
.background{ background-color: rgb(122,  
251, 132) }
```

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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