

Converting Colors

Yxy(74.3586, 0.3026, 0.4857)

Have a look what the booklet for
Yxy(74.3586, 0.3026, 0.4857)
contains.

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Color

Yxy(74.1407, 0.3029, 0.4856)

Conversions

Conversions Part 1

Format	Color
Hex	7BFA80
RGB	123, 250, 128
RGB Percent	48%, 98%, 50%
CMY	0.5178, 0.0196, 0.4981
CMYK	0.51, 0.00, 0.49, 0.02
HSL	122°, 93%, 73%
HSV	122°, 51%, 98%
XYZ	46.2463, 74.1407, 32.2915
YIQ	198.1190, -36.5300, -64.8660

Conversions

Conversions Part 2

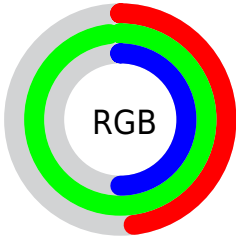
Format	Color
RYB	123, 245, 250
Decimal	8125056
CIELab	88.99, -59.28, 47.64
CIElCh	89, 76.048, 141.211
Yxy	74.1407, 0.3029, 0.4856
Android (android.graphics.Color)	4286315136 (0xFF7BFA80)
YUV	198.1190, -34.5687, -65.8794
Hunter-Lab	86.1050, -54.8128, 38.0383

Details

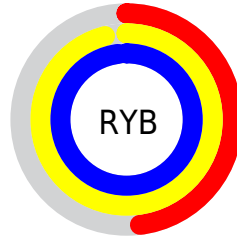
The Yxy color **74.1407, 0.3029, 0.4856** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **41.0756, 0.3229, 0.2106**, and the grayscale version is **56.7754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0062, 0.3089, 0.4113**, and **39.1371, 0.2958, 0.5281** is the 20% darker color. If you saturate the color by 10%, you get **71.9708, 0.3013, 0.5197**, and if you desaturate by 10%, it is **76.9371, 0.3048, 0.4504**.

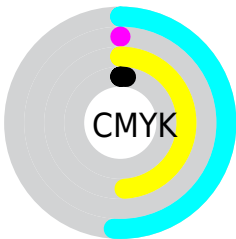
Distribution



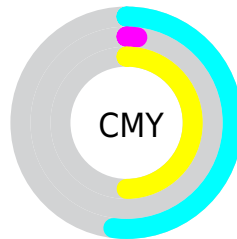
- Red (48%)
- Green (98%)
- Blue (50%)



- Red (48%)
- Yellow (96%)
- Blue (98%)



- Cyan (51%)
- Magenta (0%)
- Yellow (49%)
- Black (2%)




- Cyan (52%)
- Magenta (2%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1407, 0.3029, 0.4856 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 74.1407, 0.3029, 0.4856 by changing the saturation by 10% instead.


 74.1407, 0.3029,
0.4856

 74.1407, 0.3029,
0.4856


474.9588, 0.3113,
0.4079

 54.9092, 0.2999,
0.5043


 125.0952, 0.3067,
0.4578

 39.3290, 0.2955,
0.5279


 157.5871, 0.3079,
0.4472

 27.0158, 0.2889,
0.5581


 195.2678, 0.3088,
0.4382

 17.5851, 0.2785,
0.5979

238.5218, 0.3096,
0.4304

 10.6525, 0.2611,
0.6515

287.7336, 0.3102,
0.4237

 5.8337, 0.2363,
0.7428


343.2874, 0.3106,


 2.7442, 0.1672,


0.4178


0.8328


405.5677, 0.3110,
0.4125


 0.9997, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 74.1407, 0.3029,
0.4856


 74.1407, 0.3029,
0.4856


 71.9708, 0.3013,
0.5197


 76.9371, 0.3048,
0.4504


 70.3707, 0.3001,
0.5502


 80.3930, 0.3068,
0.4163


 69.2895, 0.2995,
0.5745


 84.5503, 0.3088,
0.3846

 68.6625, 0.2994,
0.5907

 89.4445, 0.3108,
0.3560

 68.3985, 0.2995,
0.5983

 95.1091, 0.3126,
0.3309

 96.8568, 0.3129,
0.3242

Harmonies

Analogous

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



74.1407, 0.3874, 0.4920



74.1407, 0.3029, 0.4856



74.1407, 0.2256, 0.4092

Triad

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



74.1407, 0.3029, 0.4856



74.1407, 0.1771, 0.2014



74.1407, 0.4692, 0.3190

Complementary

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



74.1407, 0.3029, 0.4856



41.0756, 0.3229, 0.2106

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.



74.1407, 0.3946, 0.2618



74.1407, 0.3029, 0.4856



74.1407, 0.2238, 0.1973

Square

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



74.1407, 0.3029, 0.4856



74.1407, 0.1610, 0.2365



74.1407, 0.3009, 0.2188



74.1407, 0.4908, 0.3825

Rectangle

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



74.1407, 0.3029, 0.4856



74.1407, 0.1889, 0.3411



74.1407, 0.3009, 0.2188



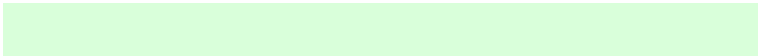
74.1407, 0.4490, 0.2989

Sweetspot

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



74.1438, 0.3029, 0.4856



91.3091, 0.3100, 0.3676



89.3581, 0.3841, 0.4535



19.3137, 0.3096, 0.3737



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.



74.1438, 0.3029, 0.4856



75.2304, 0.3012, 0.5206



76.3349, 0.2734, 0.4035



19.3204, 0.3110, 0.3525



36.2826, 0.2993, 0.5976



3.3642, 0.2977, 0.5916

Inverse Universe

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



41.0756, 0.3229, 0.2106



37.0993, 0.3250, 0.1920



37.8718, 0.3881, 0.2674



17.5120, 0.3144, 0.3065



14.1265, 0.3311, 0.1597



1.3119, 0.3298, 0.1590

Previews

White Background



This preview shows how the Yxy color 74.1407, 0.3029, 0.4856 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 74.1407, 0.3029, 0.4856 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 74.1407, 0.3029, 0.4856

Background



This preview shows how black text looks on a background with the Yxy color 74.1407, 0.3029, 0.4856.

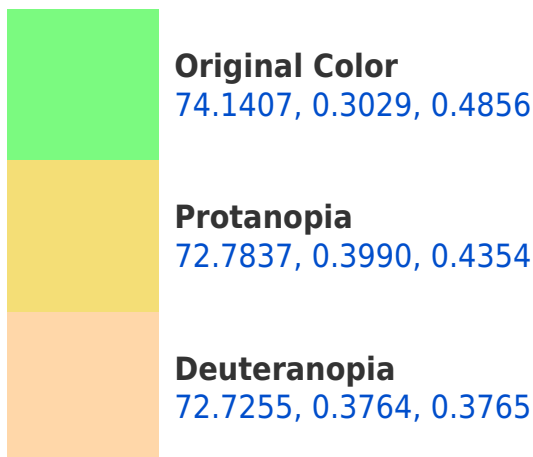


This preview shows how white text looks on a background with the Yxy color 74.1407, 0.3029, 0.4856.

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





Tritanopia

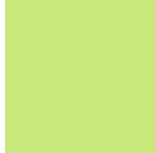
73.7902, 0.2531, 0.3071

Trichromacy



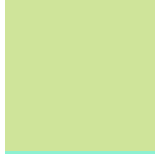
Original Color

74.1407, 0.3029, 0.4856



Protanomaly

71.3977, 0.3583, 0.4553



Deuteranomaly

71.0853, 0.3457, 0.4143



Tritanomaly

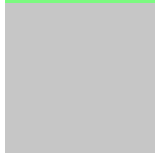
73.1768, 0.2715, 0.3682

Monochromacy



Original Color

74.1407, 0.3029, 0.4856



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

61.3008, 0.3087, 0.3850

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1407, 0.3029, 0.4856 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(123, 250, 128)` looks like.

```
.text, #text, p{  
    color:rgb(123, 250, 128)  
}
```

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(123, 250, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 250, 128) }
```

Border

The CSS property to change the border of an element to Yxy 74.1407, 0.3029, 0.4856 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(123, 250, 128) }
```

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

```
.border{ border-color:rgb(123, 250, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 250, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 250, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 250, 128);  
box-shadow:4px 4px 4px 4px rgb(123, 250,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1407, 0.3029, 0.4856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 250, 128) }
```

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

```
.background{ background-color: rgb(123,  
250, 128) }
```

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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