

Converting Colors

$Yxy(74.2956, 0.3059, 0.4748)$

Have a look what the booklet for
Yxy(74.2956, 0.3059, 0.4748)
contains.

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Color

Yxy(74.5409, 0.3059, 0.4749)

Conversions

Conversions Part 1

Format	Color
Hex	86F986
RGB	134, 249, 134
RGB Percent	53%, 98%, 53%
CMY	0.4743, 0.0235, 0.4746
CMYK	0.46, 0.00, 0.46, 0.02
HSL	120°, 91%, 75%
HSV	120°, 46%, 98%
XYZ	48.0144, 74.5409, 34.4059
YIQ	201.5050, -31.6250, -60.1450

Conversions

Conversions Part 2

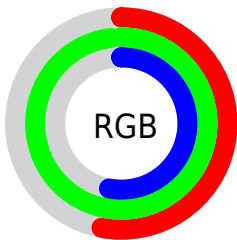
Format	Color
R _Y B	134, 249, 249
Decimal	8845702
CIE Lab	89.18, -55.14, 45.12
CIE LCh	89, 71.245, 140.709
Yxy	74.5409, 0.3059, 0.4749
Android (android.graphics.Color)	4287035782 (0xFF86F986)
YUV	201.5050, -33.2800, -59.2019
Hunter-Lab	86.3371, -51.8211, 36.8085

Details

The Yxy color **74.5409, 0.3059, 0.4749** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **44.0159, 0.3179, 0.2164**, and the grayscale version is **58.9711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5316, 0.3116, 0.4029**, and **39.7643, 0.2997, 0.5138** is the 20% darker color. If you saturate the color by 10%, you get **72.1183, 0.3042, 0.5106**, and if you desaturate by 10%, it is **77.6145, 0.3076, 0.4388**.

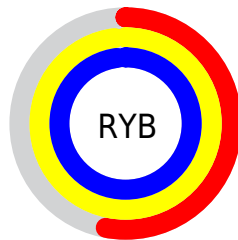
Distribution



Red (53%)

Green (98%)

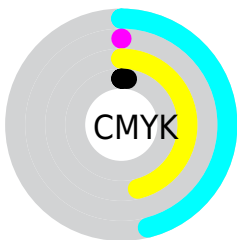
Blue (53%)



Red (53%)

Yellow (98%)

Blue (98%)

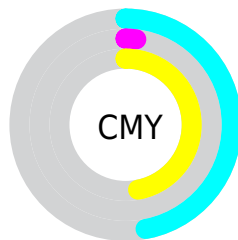


Cyan (46%)

Magenta (0%)

Yellow (46%)

Black (2%)



Cyan (47%)


Magenta (2%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.5409, 0.3059, 0.4749 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 74.5409, 0.3059, 0.4749 by changing the saturation by 10% instead.


 74.5409, 0.3059,
0.4749


 74.5409, 0.3059,
0.4749


476.3381, 0.3124,
0.4028

 55.2369, 0.3034,
0.4923


 125.6623, 0.3089,
0.4491

 39.5914, 0.2999,
0.5140


 158.2484, 0.3099,
0.4393

 27.2201, 0.2944,
0.5421


 196.0307, 0.3106,
0.4309

 17.7386, 0.2858,
0.5791

239.3935, 0.3111,
0.4237

 10.7625, 0.2711,
0.6293

288.7212, 0.3116,
0.4175

 5.9074, 0.2480,
0.7084


344.3983, 0.3119,


 2.7888, 0.1941,

0.4120


0.8059


406.8092, 0.3122,
0.4071


 1.0225, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 74.5409, 0.3059,
0.4749


 74.5409, 0.3059,
0.4749


 72.1183, 0.3042,
0.5106


 77.6145, 0.3076,
0.4388


 70.2915, 0.3027,
0.5433

 81.3711, 0.3092,
0.4043

 69.0114, 0.3014,
0.5699

 85.8519, 0.3107,
0.3727

 68.2175, 0.3006,
0.5884

 91.0921, 0.3120,
0.3446

■ 67.8340, 0.3001,
0.5979

■ 96.2312, 0.3130,
0.3233

■ 67.7520, 0.3000,
0.6000

Harmonies

Analogous

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



74.5409, 0.3856, 0.4817



74.5409, 0.3059, 0.4749



74.5409, 0.2323, 0.4052

Triad

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



74.5409, 0.3059, 0.4749



74.5409, 0.1837, 0.2088



74.5409, 0.4583, 0.3196

Complementary

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



74.5409, 0.3059, 0.4749



44.0159, 0.3179, 0.2164

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.



74.5409, 0.3881, 0.2650



74.5409, 0.3059, 0.4749



74.5409, 0.2280, 0.2040

Square

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



74.5409, 0.3059, 0.4749



74.5409, 0.1689, 0.2434



74.5409, 0.3006, 0.2241



74.5409, 0.4803, 0.3802

Rectangle

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



74.5409, 0.3059, 0.4749



74.5409, 0.1968, 0.3425



74.5409, 0.3006, 0.2241



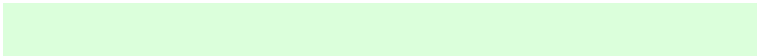
74.5409, 0.4392, 0.3003

Sweetspot

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



74.5440, 0.3059, 0.4749



91.7596, 0.3110, 0.3663



88.4328, 0.3820, 0.4407



19.3993, 0.3107, 0.3727



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.



74.5440, 0.3059, 0.4749



76.3845, 0.3044, 0.5067



76.5178, 0.2788, 0.4029



19.3097, 0.3116, 0.3535



36.2668, 0.3000, 0.6000



3.3591, 0.3000, 0.6000

Inverse Universe

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



44.0159, 0.3179, 0.2164



40.6717, 0.3188, 0.1983



41.0552, 0.3720, 0.2667



17.5242, 0.3138, 0.3056



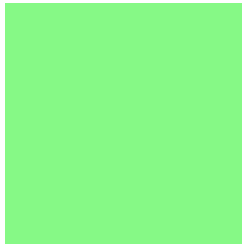
14.4300, 0.3208, 0.1541



1.3366, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 74.5409, 0.3059, 0.4749 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 74.5409, 0.3059, 0.4749 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 74.5409, 0.3059, 0.4749

Background



This preview shows how black text looks on a background with the Yxy color 74.5409, 0.3059, 0.4749.



This preview shows how white text looks on a background with the Yxy color 74.5409, 0.3059, 0.4749.

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

74.5409, 0.3059, 0.4749

Protanopia

73.6431, 0.3957, 0.4306

Deuteranopia

73.3503, 0.3738, 0.3744



Tritanopia

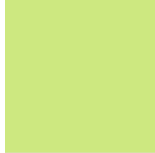
73.9433, 0.2572, 0.3073

Trichromacy



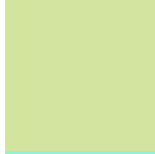
Original Color

74.5409, 0.3059, 0.4749



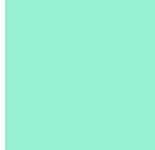
Protanomaly

72.2509, 0.3587, 0.4474



Deuteranomaly

71.8043, 0.3461, 0.4089



Tritanomaly

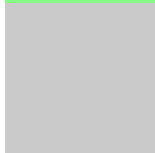
73.4573, 0.2754, 0.3653

Monochromacy



Original Color

74.5409, 0.3059, 0.4749



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

63.1845, 0.3103, 0.3814

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5409, 0.3059, 0.4749 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(134, 249, 134)` looks like.

```
.text, #text, p{  
    color:rgb(134, 249, 134)  
}
```

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(134, 249, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 249, 134) }
```

Border

The CSS property to change the border of an element to Yxy 74.5409, 0.3059, 0.4749 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(134, 249, 134) }
```

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

```
.border{ border-color:rgb(134, 249, 134) }
```

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

Here you see how a box with a 4 pixel rgb(134, 249, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 249, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 249, 134);  
box-shadow:4px 4px 4px 4px rgb(134, 249,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5409, 0.3059, 0.4749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 249, 134) }
```

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

```
.background{ background-color: rgb(134,  
249, 134) }
```

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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