

Converting Colors

$Yxy(85.8056, 0.3823, 0.4466)$

Have a look what the booklet for
Yxy(85.8056, 0.3823, 0.4466)
contains.

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Color

Yxy(85.8918, 0.3823, 0.4471)

Conversions

Conversions Part 1

Format	Color
Hex	F3F57F
RGB	243, 245, 127
RGB Percent	95%, 96%, 50%
CMY	0.0471, 0.0392, 0.5021
CMYK	0.01, 0.00, 0.48, 0.04
HSL	61°, 86%, 73%
HSV	61°, 48%, 96%
XYZ	73.4432, 85.8918, 32.7737
YIQ	230.9500, 36.6860, -37.1220

Conversions

Conversions Part 2

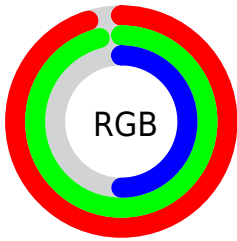
Format	Color
R _Y B	127, 245, 129
Decimal	15988095
CIE Lab	94.27, -16.47, 56.08
CIE LCh	94, 58.446, 106.364
Yxy	85.8918, 0.3823, 0.4471
Android (android.graphics.Color)	4294178175 (0xFFFF3F57F)
YUV	230.9500, -51.2473, 10.5679
Hunter-Lab	92.6778, -20.7327, 43.9077

Details

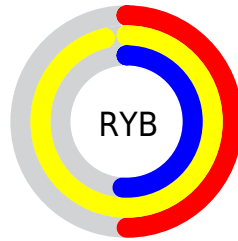
The Yxy color **85.8918, 0.3823, 0.4471** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **26.4282, 0.2218, 0.1770**, and the grayscale version is **80.2400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1574, 0.3561, 0.4008**, and **47.2039, 0.3938, 0.4713** is the 20% darker color. If you saturate the color by 10%, you get **85.2588, 0.3939, 0.4671**, and if you desaturate by 10%, it is **86.6882, 0.3690, 0.4243**.

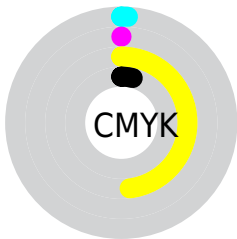
Distribution



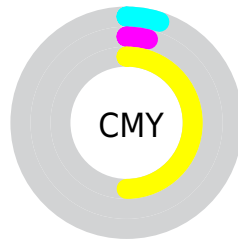
- Red (95%)
- Green (96%)
- Blue (50%)



- Red (50%)
- Yellow (96%)
- Blue (51%)



- Cyan (1%)
- Magenta (0%)
- Yellow (48%)
- Black (4%)





- Cyan (5%)
- Magenta (4%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.8918, 0.3823, 0.4471 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 85.8918, 0.3823, 0.4471 by changing the saturation by 10% instead.


 85.8918, 0.3823,
0.4471

 85.8918, 0.3823,
0.4471


514.5744, 0.3536,
0.3942

 64.5785, 0.3877,
0.4584


 141.6185, 0.3732,
0.4293

 47.1194, 0.3938,
0.4717


 176.8007, 0.3694,
0.4222

 33.1300, 0.4005,
0.4878


 217.3746, 0.3660,
0.4160

 22.2261, 0.4075,
0.5070

263.7247, 0.3630,
0.4106

 14.0231, 0.4138,
0.5299

316.2353, 0.3603,
0.4058

 8.1367, 0.4223,
0.5632

375.2909, 0.3579,

 4.1826, 0.4134,

0.4015

0.5866

441.2758, 0.3556,
0.3976

■ 1.7762, 0.3880,
0.6120

■ 0.4723, 0.0904,
0.9096

■ 85.8918, 0.3823,
0.4471

■ 85.8918, 0.3823,
0.4471

■ 85.2588, 0.3939,
0.4671

■ 86.6882, 0.3690,
0.4243

■ 84.7658, 0.4033,
0.4835


■ 87.6464, 0.3545,
0.3997

■ 84.4038, 0.4101,
0.4957


■ 88.7798, 0.3396,
0.3744

■ 84.1574, 0.4143,
0.5034


■ 90.0970, 0.3247,
0.3491


 84.0052, 0.4161,
0.5072


 91.6064, 0.3101,
0.3246

 83.9820, 0.4163,
0.5076

 92.0326, 0.3071,
0.3193

 92.1079, 0.3074,
0.3193

 92.1834, 0.3077,
0.3193

 92.2590, 0.3079,
0.3193

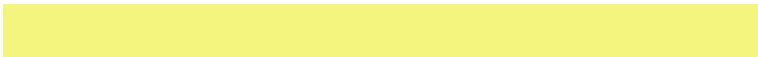
Harmonies

Analogous

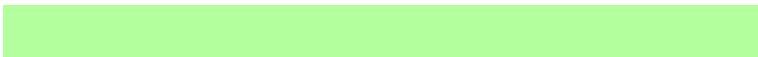
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8918, 0.4295, 0.4148



85.8918, 0.3823, 0.4471



85.8918, 0.3192, 0.4442

Triad

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



85.8918, 0.3823, 0.4471



85.8918, 0.1959, 0.2690



85.8918, 0.3627, 0.2720

Complementary

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



85.8918, 0.3823, 0.4471



26.4282, 0.2218, 0.1770

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.



85.8918, 0.2946, 0.2400



85.8918, 0.3823, 0.4471



85.8918, 0.2045, 0.2350

Square

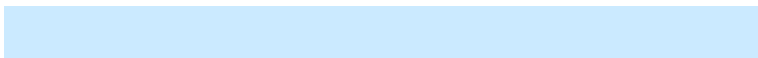
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.8918, 0.3823, 0.4471



85.8918, 0.2139, 0.3280



85.8918, 0.2383, 0.2264



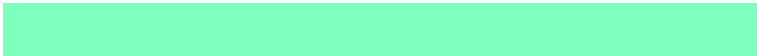
85.8918, 0.4206, 0.3167

Rectangle

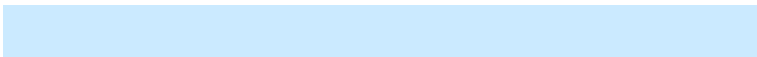
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.8918, 0.3823, 0.4471



85.8918, 0.2769, 0.4170



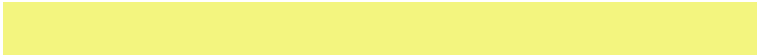
85.8918, 0.2383, 0.2264



85.8918, 0.3399, 0.2596

Sweetspot

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



85.8957, 0.3823, 0.4471



97.7952, 0.3334, 0.3639



36.6283, 0.4464, 0.3315



20.8673, 0.3366, 0.3693



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

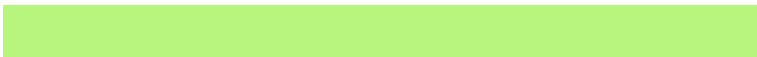
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.8957, 0.3823, 0.4471



93.3693, 0.3939, 0.4670



77.0340, 0.3404, 0.4661



19.2984, 0.3266, 0.3524



45.2460, 0.4164, 0.5076



3.9812, 0.4168, 0.5073

Inverse Universe

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



26.4282, 0.2218, 0.1770



21.0468, 0.2009, 0.1423



32.4485, 0.2674, 0.1937



15.9402, 0.2982, 0.3045



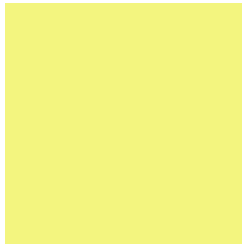
3.5720, 0.1505, 0.0603



0.3186, 0.1518, 0.0610

Previews

White Background



This preview shows how the Yxy color 85.8918, 0.3823, 0.4471 looks on a white background.

Color Contrast Check

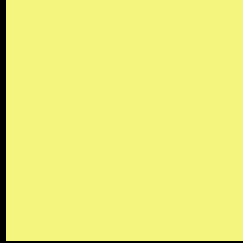
Large Text (above 18pt) WCAG AA × Fail

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 85.8918, 0.3823, 0.4471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

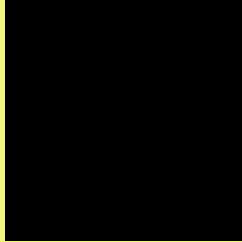
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.8918, 0.3823, 0.4471

Background



This preview shows how black text looks on a background with the Yxy color 85.8918, 0.3823, 0.4471.

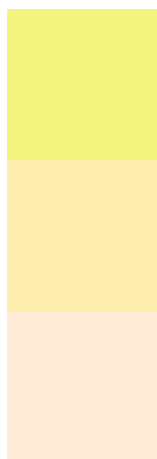


This preview shows how white text looks on a background with the Yxy color 85.8918, 0.3823, 0.4471.

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

85.8918, 0.3823, 0.4471

Protanopia

85.4262, 0.3663, 0.3944

Deuteranopia

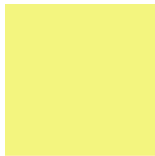
85.5317, 0.3400, 0.3500



Tritanopia

85.8128, 0.3175, 0.3125

Trichromacy



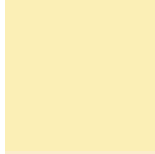
Original Color

85.8918, 0.3823, 0.4471



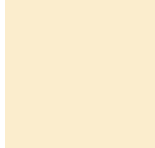
Protanomaly

85.8201, 0.3731, 0.4146



Deuteranomaly

85.6196, 0.3574, 0.3868



Tritanomaly

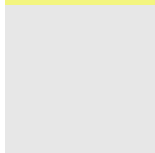
85.4854, 0.3428, 0.3614

Monochromacy



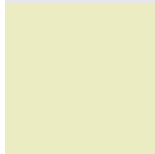
Original Color

85.8918, 0.3823, 0.4471



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

81.5033, 0.3394, 0.3744

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.8918, 0.3823, 0.4471 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(243, 245, 127)` looks like.

```
.text, #text, p{  
    color:rgb(243, 245, 127)  
}
```

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(243, 245, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 245, 127) }
```

Border

The CSS property to change the border of an element to Yxy 85.8918, 0.3823, 0.4471 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(243, 245, 127) }
```

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

```
.border{ border-color:rgb(243, 245, 127) }
```

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

Here you see how a box with a 4 pixel rgb(243, 245, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 245, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 245, 127);  
box-shadow:4px 4px 4px 4px rgb(243, 245,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 85.8918, 0.3823, 0.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 245, 127) }
```

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

```
.background{ background-color: rgb(243,  
245, 127) }
```

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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