

Converting Colors

Yxy(88.2280, 0.4115, 0.4821)

Have a look what the booklet for
Yxy(88.2280, 0.4115, 0.4821)
contains.

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Color

Yxy(88.0868, 0.4119, 0.4814)

Conversions

Conversions Part 1

Format	Color
Hex	FEF74A
RGB	254, 247, 74
RGB Percent	100%, 97%, 29%
CMY	0.0040, 0.0313, 0.7094
CMYK	0.00, 0.03, 0.71, 0.00
HSL	58°, 99%, 64%
HSV	58°, 71%, 100%
XYZ	75.3697, 88.0868, 19.5240
YIQ	229.3710, 59.7050, -52.3190

Conversions

Conversions Part 2

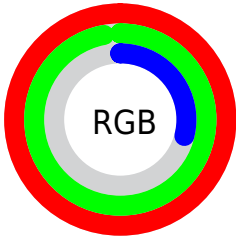
Format	Color
R _Y B	81, 254, 74
Decimal	16709450
CIE Lab	95.20, -16.50, 78.94
CIE LCh	95, 80.646, 101.809
Yxy	88.0868, 0.4119, 0.4814
Android (android.graphics.Color)	4294899530 (0xFFFEF74A)
YUV	229.3710, -76.5979, 21.5996
Hunter-Lab	93.8546, -20.9016, 53.3644

Details

The Yxy color **88.0868, 0.4119, 0.4814** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **14.5107, 0.1773, 0.1087**, and the grayscale version is **79.1935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4735, 0.3834, 0.4459**, and **48.7309, 0.4220, 0.5031** is the 20% darker color. If you saturate the color by 10%, you get **87.2131, 0.4193, 0.4917**, and if you desaturate by 10%, it is **89.1101, 0.4018, 0.4668**.

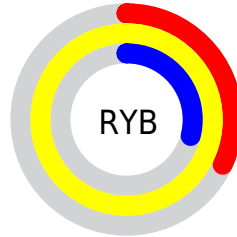
Distribution



Red (100%)

Green (97%)

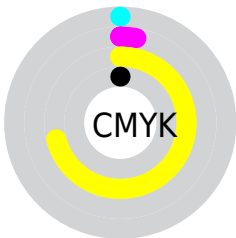
Blue (29%)



Red (32%)

Yellow (100%)

Blue (29%)

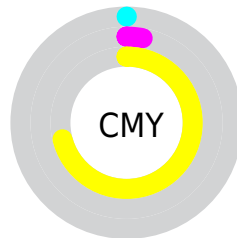


Cyan (0%)

Magenta (3%)

Yellow (71%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.0868, 0.4119, 0.4814 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 88.0868, 0.4119, 0.4814 by changing the saturation by 10% instead.


 88.0868, 0.4119,
0.4814

 88.0868, 0.4119,
0.4814


521.7874, 0.3740,
0.4168

 66.3950, 0.4180,
0.4937


 144.6780, 0.4007,
0.4608


 48.5931, 0.4242,
0.5076


 180.3461, 0.3958,
0.4522

 34.2968, 0.4299,
0.5229

 221.4418, 0.3913,
0.4446

 23.1217, 0.4341,
0.5392

 268.3495, 0.3872,
0.4378

 14.6834, 0.4391,
0.5609

 321.4535, 0.3834,
0.4317

 8.5975, 0.4295,
0.5705


381.1382, 0.3800,


 4.4796, 0.4150,


0.4263

0.5850


447.7881, 0.3769,
0.4213


 1.9453, 0.3909,
0.6091


 0.5754, 0.2002,
0.7998


 88.0868, 0.4119,
0.4814


 88.0868, 0.4119,
0.4814


 87.2131, 0.4193,
0.4917

 89.1101, 0.4018,
0.4668


 86.4588, 0.4240,
0.4975

 90.2854, 0.3895,
0.4483


 85.8499, 0.4264,
0.4997

 91.6299, 0.3754,
0.4269

 93.1549, 0.3603,
0.4036

 94.8712, 0.3446,
0.3792

 96.7883, 0.3290,
0.3548

 98.9154, 0.3139,
0.3309

99.7413, 0.3121,
0.3289

99.8089, 0.3121,
0.3290

Harmonies

Analogous

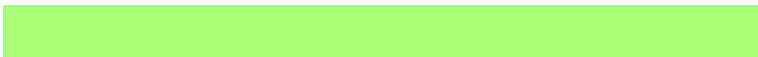
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0868, 0.4728, 0.4266



88.0868, 0.4119, 0.4814



88.0868, 0.3297, 0.4957

Triad

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



88.0868, 0.4119, 0.4814



88.0868, 0.1621, 0.2550



88.0868, 0.3653, 0.2463

Complementary

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



88.0868, 0.4119, 0.4814



14.5107, 0.1773, 0.1087

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.



88.0868, 0.2738, 0.2094



88.0868, 0.4119, 0.4814



88.0868, 0.1686, 0.2086

Square

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



88.0868, 0.4119, 0.4814



88.0868, 0.1879, 0.3391



88.0868, 0.2057, 0.1955



88.0868, 0.4506, 0.3000

Rectangle

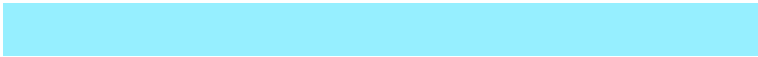
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.0868, 0.4119, 0.4814



88.0868, 0.2735, 0.4657



88.0868, 0.2057, 0.1955



88.0868, 0.3335, 0.2318

Sweetspot

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



88.0909, 0.4119, 0.4814



95.6994, 0.3449, 0.3797



26.6049, 0.5443, 0.3226



20.3772, 0.3492, 0.3864



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.



88.0909, 0.4119, 0.4814



87.6712, 0.4216, 0.4947



80.2612, 0.3517, 0.5235



20.9626, 0.3270, 0.3516



45.3181, 0.4263, 0.4997



4.4486, 0.4254, 0.5004

Inverse Universe

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



14.5107, 0.1773, 0.1087



9.6430, 0.1590, 0.0772



19.0383, 0.2280, 0.1282



17.4907, 0.2978, 0.3054



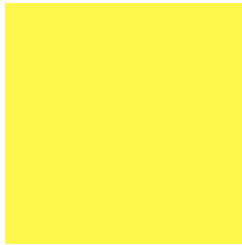
3.9337, 0.1507, 0.0623



0.4210, 0.1522, 0.0678

Previews

White Background



This preview shows how the Yxy color 88.0868, 0.4119, 0.4814 looks on a white background.

Color Contrast Check

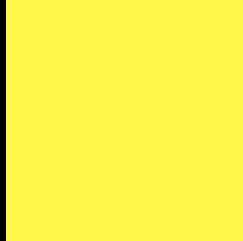
Large Text (above 18pt) WCAG AA × Fail

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 88.0868, 0.4119, 0.4814 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 88.0868, 0.4119, 0.4814

Background



This preview shows how black text looks on a background with the Yxy color 88.0868, 0.4119, 0.4814.

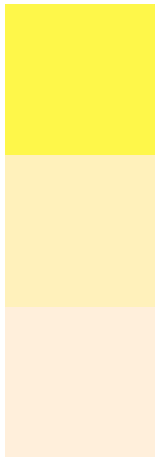


This preview shows how white text looks on a background with the Yxy color 88.0868, 0.4119, 0.4814.

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

88.0868, 0.4119, 0.4814

Protanopia

87.7585, 0.3565, 0.3831

Deuteranopia

88.1075, 0.3361, 0.3489



Tritanopia

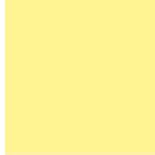
87.8435, 0.3198, 0.3203

Trichromacy



Original Color

88.0868, 0.4119, 0.4814



Protanomaly

87.4365, 0.3812, 0.4248



Deuteranomaly

87.5174, 0.3695, 0.4049



Tritanomaly

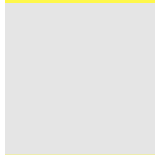
86.9991, 0.3593, 0.3862

Monochromacy



Original Color

88.0868, 0.4119, 0.4814



Achromatopsia

78.3538, 0.3127, 0.3290



Achromatomaly

81.1852, 0.3545, 0.3953

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.0868, 0.4119, 0.4814 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(254, 247, 74)` looks like.

```
.text, #text, p{  
    color:rgb(254, 247, 74)  
}
```

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(254, 247, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 247, 74) }
```

Border

The CSS property to change the border of an element to Yxy 88.0868, 0.4119, 0.4814 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(254, 247, 74) }
```

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

```
.border{ border-color:rgb(254, 247, 74) }
```

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

Here you see how a box with a 4 pixel rgb(254, 247, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 247, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 247, 74);  
box-shadow:4px 4px 4px 4px rgb(254, 247,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 88.0868, 0.4119, 0.4814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 247, 74) }
```

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

```
.background{ background-color: rgb(254,  
247, 74) }
```

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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