

Converting Colors

$Yxy(88.1165, 0.3873, 0.4492)$

Have a look what the booklet for
Yxy(88.1165, 0.3873, 0.4492)
contains.

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Color

Yxy(88.1165, 0.3873, 0.4492)

Conversions

Conversions Part 1

Format	Color
Hex	F9F77C
RGB	249, 247, 124
RGB Percent	98%, 97%, 49%
CMY	0.0234, 0.0314, 0.5137
CMYK	0.00, 0.01, 0.50, 0.02
HSL	59°, 91%, 73%
HSV	59°, 50%, 98%
XYZ	75.9740, 88.1165, 32.0727
YIQ	233.5760, 40.6750, -37.8290

Conversions

Conversions Part 2

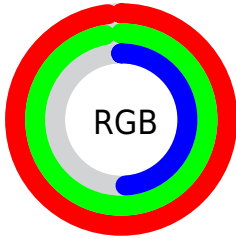
Format	Color
R _Y B	126, 249, 124
Decimal	16381820
CIE Lab	95.21, -15.32, 58.67
CIE LCh	95, 60.637, 104.638
Yxy	88.1165, 0.3873, 0.4492
Android (android.graphics.Color)	4294571900 (0xFFFF9F77C)
YUV	233.5760, -54.0210, 13.5268
Hunter-Lab	93.8704, -19.8042, 45.4517

Details

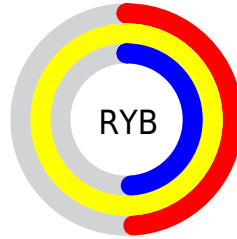
The Yxy color **88.1165, 0.3873, 0.4492** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **26.0579, 0.2165, 0.1716**, and the grayscale version is **82.3407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0347, 0.3579, 0.4037**, and **48.6509, 0.3991, 0.4740** is the 20% darker color. If you saturate the color by 10%, you get **87.3206, 0.3992, 0.4681**, and if you desaturate by 10%, it is **89.0802, 0.3736, 0.4274**.

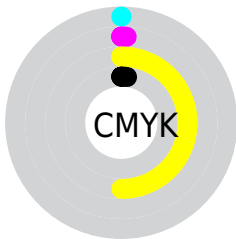
Distribution



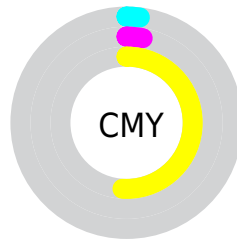
- Red (98%)
- Green (97%)
- Blue (49%)



- Red (49%)
- Yellow (98%)
- Blue (49%)



- Cyan (0%)
- Magenta (1%)
- Yellow (50%)
- Black (2%)





- Cyan (2%)
- Magenta (3%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.1165, 0.3873, 0.4492 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 88.1165, 0.3873, 0.4492 by changing the saturation by 10% instead.


 88.1165, 0.3873,
0.4492

 88.1165, 0.3873,
0.4492


521.8847, 0.3567,
0.3960

 66.4196, 0.3930,
0.4604


 144.7193, 0.3777,
0.4315

 48.6131, 0.3995,
0.4735


 180.3940, 0.3736,
0.4243

 34.3126, 0.4065,
0.4891


 221.4967, 0.3700,
0.4181

 23.1339, 0.4137,
0.5076

268.4119, 0.3668,
0.4126

 14.6924, 0.4203,
0.5292

321.5239, 0.3639,
0.4077

 8.6038, 0.4297,
0.5610

381.2171, 0.3613,

 4.4837, 0.4203,

0.4034

0.5797

447.8759, 0.3589,
0.3995

■ 1.9476, 0.3980,
0.6020

■ 0.5768, 0.2319,
0.7681

■ 88.1165, 0.3873,
0.4492

■ 88.1165, 0.3873,
0.4492

■ 87.3206, 0.3992,
0.4681

■ 89.0802, 0.3736,
0.4274

■ 86.6679, 0.4088,
0.4832


■ 90.2103, 0.3588,
0.4035

■ 86.1487, 0.4158,
0.4939


■ 91.5210, 0.3434,
0.3787


■ 85.7462, 0.4201,
0.5003


■ 93.0214, 0.3280,
0.3538

 85.4384, 0.4222,
0.5030

 94.7202, 0.3130,
0.3295

 95.3813, 0.3092,
0.3236

 95.6325, 0.3092,
0.3240

 95.8843, 0.3092,
0.3244

 96.1366, 0.3092,
0.3248

Harmonies

Analogous

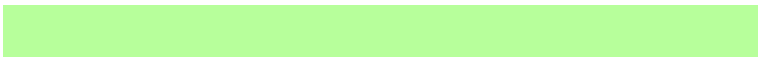
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1165, 0.4345, 0.4141



88.1165, 0.3873, 0.4492



88.1165, 0.3230, 0.4493

Triad

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



88.1165, 0.3873, 0.4492



88.1165, 0.1934, 0.2700



88.1165, 0.3600, 0.2682

Complementary

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



88.1165, 0.3873, 0.4492



26.0579, 0.2165, 0.1716

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.



88.1165, 0.2902, 0.2365



88.1165, 0.3873, 0.4492



88.1165, 0.2006, 0.2338

Square

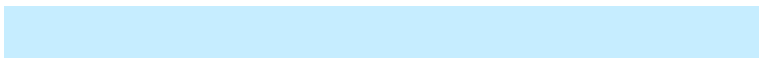
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.1165, 0.3873, 0.4492



88.1165, 0.2132, 0.3318



88.1165, 0.2337, 0.2237



88.1165, 0.4210, 0.3133

Rectangle

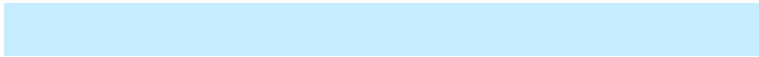
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.1165, 0.3873, 0.4492



88.1165, 0.2794, 0.4230



88.1165, 0.2337, 0.2237



88.1165, 0.3364, 0.2558

Sweetspot

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



88.1206, 0.3873, 0.4492



97.3805, 0.3354, 0.3658



36.0701, 0.4542, 0.3273



20.7727, 0.3386, 0.3710



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

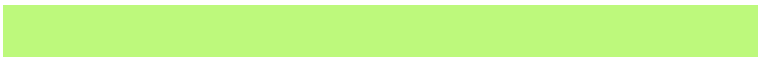
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1206, 0.3873, 0.4492



92.1619, 0.3991, 0.4679



79.9935, 0.3439, 0.4710



20.1394, 0.3269, 0.3521



45.7430, 0.4222, 0.5030



4.2517, 0.4218, 0.5033

Inverse Universe

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



26.0579, 0.2165, 0.1716



20.0440, 0.1960, 0.1377



31.5016, 0.2613, 0.1863



16.6882, 0.2979, 0.3049



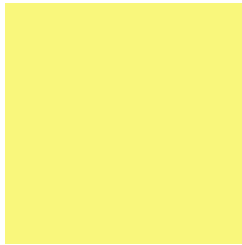
3.7277, 0.1503, 0.0610



0.3607, 0.1510, 0.0634

Previews

White Background



This preview shows how the Yxy color 88.1165, 0.3873, 0.4492 looks on a white background.

Color Contrast Check

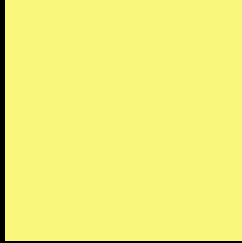
Large Text (above 18pt) WCAG AA × Fail

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 88.1165, 0.3873, 0.4492 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 88.1165, 0.3873, 0.4492

Background



This preview shows how black text looks on a background with the Yxy color 88.1165, 0.3873, 0.4492.



This preview shows how white text looks on a background with the Yxy color 88.1165, 0.3873, 0.4492.

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

88.1165, 0.3873, 0.4492

Protanopia

87.8447, 0.3552, 0.3811

Deuteranopia

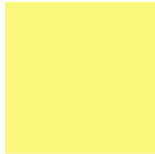
88.2135, 0.3348, 0.3469



Tritanopia

88.0282, 0.3179, 0.3174

Trichromacy



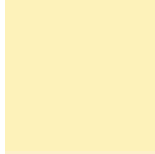
Original Color

88.1165, 0.3873, 0.4492



Protanomaly

87.7004, 0.3684, 0.4072



Deuteranomaly

87.9321, 0.3555, 0.3853



Tritanomaly

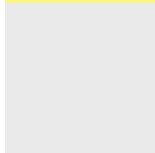
87.5146, 0.3450, 0.3662

Monochromacy



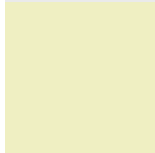
Original Color

88.1165, 0.3873, 0.4492



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

83.9788, 0.3411, 0.3759

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1165, 0.3873, 0.4492 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(249, 247, 124)` looks like.

```
.text, #text, p{  
    color:rgb(249, 247, 124)  
}
```

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(249, 247, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 247, 124) }
```

Border

The CSS property to change the border of an element to Yxy 88.1165, 0.3873, 0.4492 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(249, 247, 124) }
```

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

```
.border{ border-color:rgb(249, 247, 124) }
```

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

Here you see how a box with a 4 pixel rgb(249, 247, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 247, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 247, 124);  
box-shadow:4px 4px 4px 4px rgb(249, 247,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1165, 0.3873, 0.4492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 247, 124) }
```

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

```
.background{ background-color: rgb(249,  
247, 124) }
```

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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