

Converting Colors

$Y_{xy}(91.2235, 0.3880, 0.4569)$

Have a look what the booklet for
Yxy(91.2235, 0.3880, 0.4569)
contains.

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Color

Yxy(91.2767, 0.3882, 0.4568)

Conversions

Conversions Part 1

Format	Color
Hex	FAFC77
RGB	250, 252, 119
RGB Percent	98%, 99%, 47%
CMY	0.0195, 0.0118, 0.5335
CMYK	0.01, 0.00, 0.53, 0.01
HSL	61°, 96%, 73%
HSV	61°, 53%, 99%
XYZ	77.5692, 91.2767, 30.9717
YIQ	236.2400, 41.5010, -41.7870

Conversions

Conversions Part 2

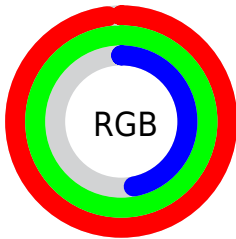
Format	Color
R _Y B	119, 252, 121
Decimal	16448631
CIE Lab	96.52, -17.76, 62.47
CIE LCh	97, 64.950, 105.871
Yxy	91.2767, 0.3882, 0.4568
Android (android.graphics.Color)	4294638711 (0xFFFAFC77)
YUV	236.2400, -57.7993, 12.0675
Hunter-Lab	95.5388, -22.2665, 47.6566

Details

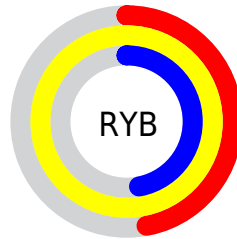
The Yxy color **91.2767, 0.3882, 0.4568** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **24.2758, 0.2116, 0.1603**, and the grayscale version is **84.5046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8751, 0.3603, 0.4076**, and **50.9264, 0.3994, 0.4825** is the 20% darker color. If you saturate the color by 10%, you get **90.6846, 0.3989, 0.4752**, and if you desaturate by 10%, it is **92.0378, 0.3755, 0.4352**.

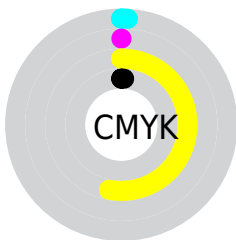
Distribution



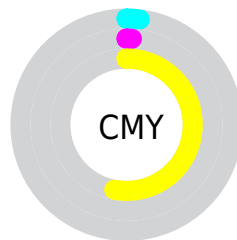
- Red (98%)
- Green (99%)
- Blue (47%)



- Red (47%)
- Yellow (99%)
- Blue (47%)



- Cyan (1%)
- Magenta (0%)
- Yellow (53%)
- Black (1%)





- Cyan (2%)
- Magenta (1%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2767, 0.3882, 0.4568 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 91.2767, 0.3882, 0.4568 by changing the saturation by 10% instead.


 91.2767, 0.3882,
0.4568

 91.2767, 0.3882,
0.4568


532.1752, 0.3580,
0.4006

 69.0400, 0.3937,
0.4684


 149.1105, 0.3788,
0.4382

 50.7443, 0.3997,
0.4821


 185.4765, 0.3748,
0.4307

 36.0052, 0.4061,
0.4982


 227.3209, 0.3713,
0.4241

 24.4382, 0.4124,
0.5171

275.0283, 0.3681,
0.4183

 15.6590, 0.4175,
0.5389

328.9831, 0.3652,
0.4131

 9.2832, 0.4256,
0.5722

389.5695, 0.3625,

 4.9263, 0.4118,

0.4085

0.5882

457.1721, 0.3602,
0.4043

■ 2.2041, 0.3876,
0.6124

■ 0.7222, 0.2593,
0.7407

■ 91.2767, 0.3882,
0.4568

■ 91.2767, 0.3882,
0.4568

■ 90.6846, 0.3989,
0.4752

■ 92.0378, 0.3755,
0.4352

■ 90.2359, 0.4072,
0.4896

■ 92.9669, 0.3615,
0.4113

■ 89.9198, 0.4128,
0.4996

■ 94.0787, 0.3467,
0.3862


■ 89.7182, 0.4158,
0.5053

■ 95.3828, 0.3316,
0.3608

 89.6245, 0.4167,
0.5073

 96.8882, 0.3168,
0.3358

 97.5875, 0.3111,
0.3261

 97.6576, 0.3114,
0.3261

 97.7278, 0.3116,
0.3261

 97.7982, 0.3118,
0.3261

Harmonies

Analogous

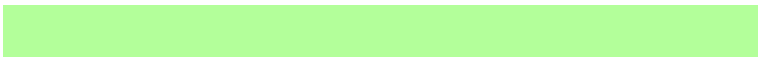
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2767, 0.4394, 0.4198



91.2767, 0.3882, 0.4568



91.2767, 0.3201, 0.4560

Triad

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



91.2767, 0.3882, 0.4568



91.2767, 0.1872, 0.2641



91.2767, 0.3657, 0.2667

Complementary

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



91.2767, 0.3882, 0.4568



24.2758, 0.2116, 0.1603

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.



91.2767, 0.2916, 0.2329



91.2767, 0.3882, 0.4568



91.2767, 0.1959, 0.2277

Square

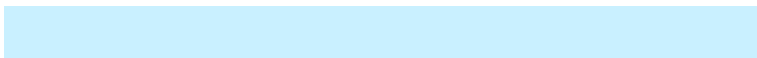
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.2767, 0.3882, 0.4568



91.2767, 0.2064, 0.3285



91.2767, 0.2314, 0.2186



91.2767, 0.4294, 0.3141

Rectangle

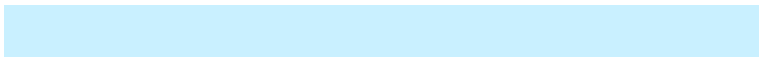
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.2767, 0.3882, 0.4568



91.2767, 0.2744, 0.4268



91.2767, 0.2314, 0.2186



91.2767, 0.3407, 0.2536

Sweetspot

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



91.2809, 0.3882, 0.4568



97.5304, 0.3364, 0.3689



35.2131, 0.4684, 0.3295



20.8158, 0.3395, 0.3742



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

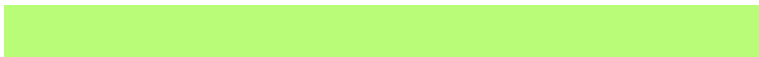
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.2809, 0.3882, 0.4568



93.1443, 0.3991, 0.4756



81.3273, 0.3434, 0.4794



20.1768, 0.3267, 0.3524



46.6922, 0.4167, 0.5073



4.3286, 0.4171, 0.5070

Inverse Universe

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



24.2758, 0.2116, 0.1603



17.8148, 0.1908, 0.1260



30.5894, 0.2597, 0.1794



16.6553, 0.2981, 0.3045



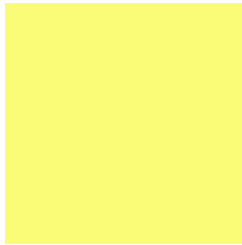
3.6792, 0.1505, 0.0602



0.3450, 0.1516, 0.0609

Previews

White Background



This preview shows how the Yxy color 91.2767, 0.3882, 0.4568 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 91.2767, 0.3882, 0.4568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

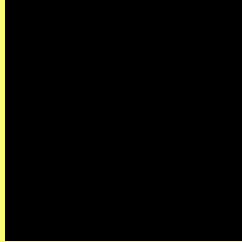
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.2767, 0.3882, 0.4568

Background



This preview shows how black text looks on a background with the Yxy color 91.2767, 0.3882, 0.4568.

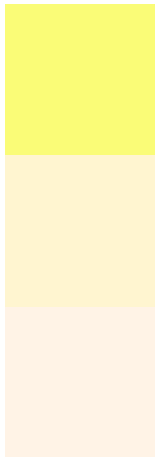


This preview shows how white text looks on a background with the Yxy color 91.2767, 0.3882, 0.4568.

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

91.2767, 0.3882, 0.4568

Protanopia

91.1189, 0.3423, 0.3657

Deuteranopia

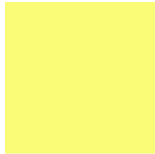
91.0744, 0.3286, 0.3418



Tritanopia

91.1356, 0.3158, 0.3194

Trichromacy



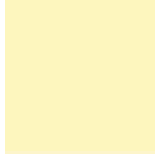
Original Color

91.2767, 0.3882, 0.4568



Protanomaly

91.1520, 0.3602, 0.4008



Deuteranomaly

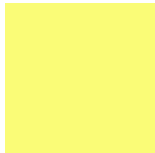
90.5119, 0.3520, 0.3850



Tritanomaly

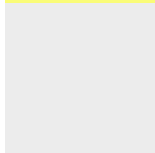
90.4993, 0.3440, 0.3709

Monochromacy



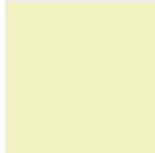
Original Color

91.2767, 0.3882, 0.4568



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

86.0553, 0.3426, 0.3796

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2767, 0.3882, 0.4568 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(250, 252, 119)` looks like.

```
.text, #text, p{  
    color:rgb(250, 252, 119)  
}
```

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(250, 252, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 252, 119) }
```

Border

The CSS property to change the border of an element to Yxy 91.2767, 0.3882, 0.4568 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(250, 252, 119) }
```

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

```
.border{ border-color:rgb(250, 252, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 252, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 252, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 252, 119);  
box-shadow:4px 4px 4px 4px rgb(250, 252,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2767, 0.3882, 0.4568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 252, 119) }
```

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

```
.background{ background-color: rgb(250,  
252, 119) }
```

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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