

Converting Colors

Yxy(86.0031, 0.3815, 0.4254)

Have a look what the booklet for
Yxy(86.0031, 0.3815, 0.4254)
contains.

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Color

Yxy(85.8069, 0.3818, 0.4254)

Conversions

Conversions Part 1

Format	Color
Hex	FDF190
RGB	253, 241, 144
RGB Percent	99%, 95%, 56%
CMY	0.0076, 0.0549, 0.4353
CMYK	0.00, 0.05, 0.43, 0.01
HSL	53°, 97%, 78%
HSV	53°, 43%, 99%
XYZ	77.0124, 85.8069, 38.8894
YIQ	233.5300, 38.2890, -27.6230

Conversions

Conversions Part 2

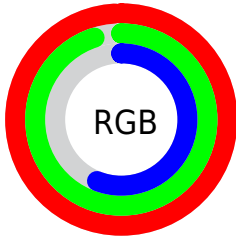
Format	Color
RYB	157, 253, 144
Decimal	16642448
CIELab	94.23, -8.99, 48.15
CIELCh	94, 48.983, 100.581
Yxy	85.8069, 0.3818, 0.4254
Android (android.graphics.Color)	4294832528 (0xFFFFDF190)
YUV	233.5300, -44.1383, 17.0752
Hunter-Lab	92.6320, -13.7047, 39.9509

Details

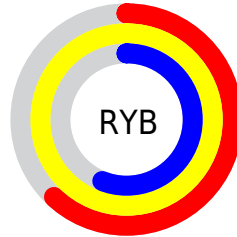
The Yxy color **85.8069, 0.3818, 0.4254** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **36.8255, 0.2339, 0.2094**, and the grayscale version is **82.2312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **47.0554, 0.3954, 0.4457** is the 20% darker color. If you saturate the color by 10%, you get **83.4769, 0.3972, 0.4452**, and if you desaturate by 10%, it is **88.3437, 0.3655, 0.4036**.

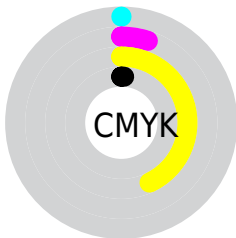
Distribution



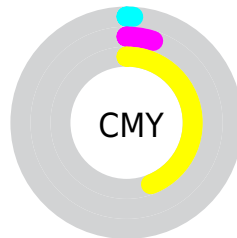
- Red (99%)
- Green (95%)
- Blue (56%)



- Red (62%)
- Yellow (99%)
- Blue (56%)



- Cyan (0%)
- Magenta (5%)
- Yellow (43%)
- Black (1%)





- Cyan (1%)
- Magenta (5%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.8069, 0.3818, 0.4254 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 85.8069, 0.3818, 0.4254 by changing the saturation by 10% instead.

 85.8069, 0.3818,
0.4254

 85.8069, 0.3818,
0.4254


514.2943, 0.3522,
0.3824

 64.5083, 0.3878,
0.4346


 141.5000, 0.3721,
0.4110

 47.0625, 0.3948,
0.4455


 176.6633, 0.3682,
0.4052

 33.0851, 0.4029,
0.4587


217.2169, 0.3647,
0.4002

 22.1916, 0.4122,
0.4748


263.5453, 0.3617,
0.3958

 13.9978, 0.4227,
0.4943

316.0329, 0.3589,
0.3918

 8.1191, 0.4335,
0.5180


375.0639, 0.3565,


 4.1713, 0.4475,


0.3884


0.5525


441.0229, 0.3542,
0.3852

 1.7698, 0.4340,
0.5660


 0.4683, 0.3250,
0.6750


 85.8069, 0.3818,
0.4254


 85.8069, 0.3818,
0.4254


 83.4769, 0.3972,
0.4452

 88.3437, 0.3655,
0.4036


 81.3300, 0.4110,
0.4621

 91.0861, 0.3490,
0.3809

 79.3569, 0.4227,
0.4751

 94.0481, 0.3328,
0.3580

 77.5422, 0.4316,
0.4837

 97.2389, 0.3173,
0.3357

■ 75.8673, 0.4377,
0.4877

99.6259, 0.3115,
0.3290

■ 74.7735, 0.4406,
0.4883

99.6330, 0.3115,
0.3290

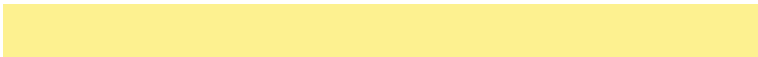
Harmonies

Analogous

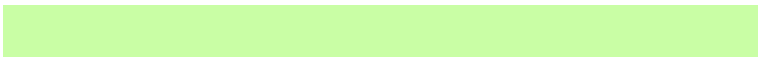
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8069, 0.4167, 0.3962



85.8069, 0.3818, 0.4254



85.8069, 0.3301, 0.4277

Triad

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



85.8069, 0.3818, 0.4254



85.8069, 0.2140, 0.2875



85.8069, 0.3441, 0.2741

Complementary

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



85.8069, 0.3818, 0.4254



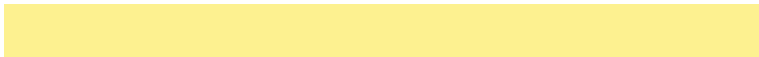
36.8255, 0.2339, 0.2094

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.



85.8069, 0.2875, 0.2490



85.8069, 0.3818, 0.4254



85.8069, 0.2169, 0.2533

Square

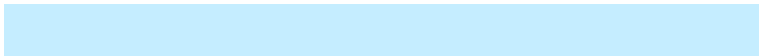
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.8069, 0.3818, 0.4254



85.8069, 0.2346, 0.3401



85.8069, 0.2423, 0.2410



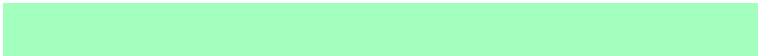
85.8069, 0.3954, 0.3114

Rectangle

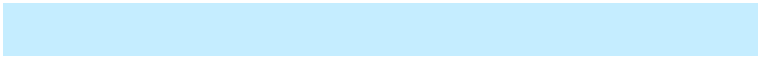
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.8069, 0.3818, 0.4254



85.8069, 0.2935, 0.4095



85.8069, 0.2423, 0.2410



85.8069, 0.3248, 0.2641

Sweetspot

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



85.8109, 0.3818, 0.4254



95.7279, 0.3327, 0.3578



43.2657, 0.4130, 0.3159



20.3429, 0.3362, 0.3629



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

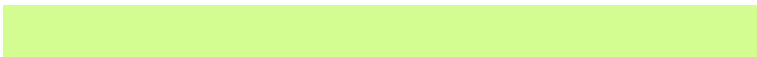
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.8109, 0.3818, 0.4254



85.1888, 0.3956, 0.4432



86.1853, 0.3481, 0.4471



20.7271, 0.3272, 0.3499



39.8916, 0.4402, 0.4886



3.9779, 0.4375, 0.4908

Inverse Universe

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



36.8255, 0.2339, 0.2094



29.2985, 0.2155, 0.1800



37.4580, 0.2618, 0.2046



17.7012, 0.2979, 0.3072



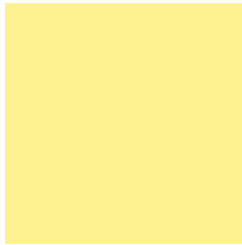
4.3149, 0.1521, 0.0677



0.5204, 0.1560, 0.0816

Previews

White Background



This preview shows how the Yxy color 85.8069, 0.3818, 0.4254 looks on a white background.

Color Contrast Check

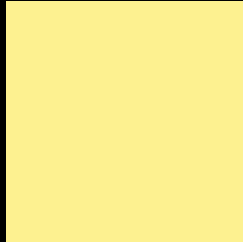
Large Text (above 18pt) WCAG AA × Fail

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 85.8069, 0.3818, 0.4254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

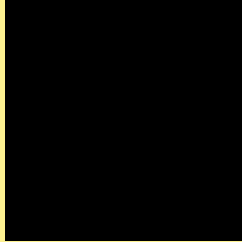
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.8069, 0.3818, 0.4254

Background



This preview shows how black text looks on a background with the Yxy color 85.8069, 0.3818, 0.4254.

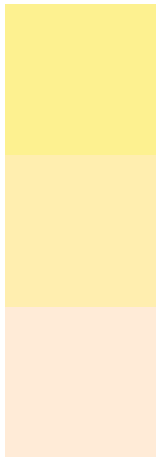


This preview shows how white text looks on a background with the Yxy color 85.8069, 0.3818, 0.4254.

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

85.8069, 0.3818, 0.4254

Protanopia

85.5042, 0.3650, 0.3924

Deuteranopia

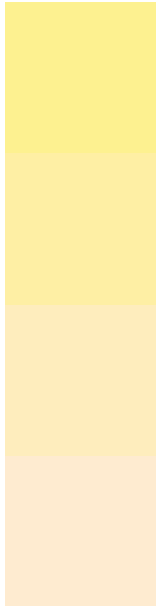
85.5830, 0.3393, 0.3490



Tritanopia

85.5049, 0.3207, 0.3173

Trichromacy



Original Color

85.8069, 0.3818, 0.4254

Protanomaly

85.4842, 0.3710, 0.4043

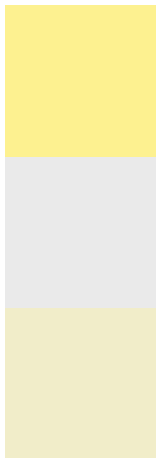
Deuteranomaly

85.3133, 0.3554, 0.3774

Tritanomaly

85.0416, 0.3433, 0.3562

Monochromacy



Original Color

85.8069, 0.3818, 0.4254

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

83.4862, 0.3383, 0.3663

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.8069, 0.3818, 0.4254 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(253, 241, 144)` looks like.

```
.text, #text, p{  
    color:rgb(253, 241, 144)  
}
```

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(253, 241, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 241, 144) }
```

Border

The CSS property to change the border of an element to Yxy 85.8069, 0.3818, 0.4254 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(253, 241, 144) }
```

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

```
.border{ border-color:rgb(253, 241, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 241, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 241, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 241, 144);  
box-shadow:4px 4px 4px 4px rgb(253, 241,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 85.8069, 0.3818, 0.4254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 241, 144) }
```

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

```
.background{ background-color: rgb(253,  
241, 144) }
```

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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