

Converting Colors

$Yxy(85.3413, 0.3893, 0.4591)$

Have a look what the booklet for
Yxy(85.3413, 0.3893, 0.4591)
contains.

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Color

Yxy(85.5518, 0.3893, 0.4588)

Conversions

Conversions Part 1

Format	Color
Hex	F3F571
RGB	243, 245, 113
RGB Percent	95%, 96%, 44%
CMY	0.0471, 0.0392, 0.5567
CMYK	0.01, 0.00, 0.54, 0.04
HSL	61°, 87%, 70%
HSV	61°, 54%, 96%
XYZ	72.5922, 85.5518, 28.3246
YIQ	229.3540, 41.1800, -41.4760

Conversions

Conversions Part 2

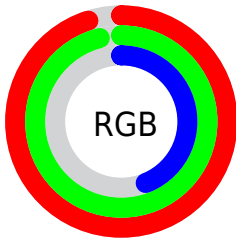
Format	Color
R_{YB}	113, 245, 115
Decimal	15988081
CIE Lab	94.12, -17.62, 62.19
CIE LCh	94, 64.637, 105.816
Yxy	85.5518, 0.3893, 0.4588
Android (android.graphics.Color)	4294178161 (0xFFFF3F571)
YUV	229.3540, -57.3625, 11.9675
Hunter-Lab	92.4942, -21.7727, 46.5895

Details

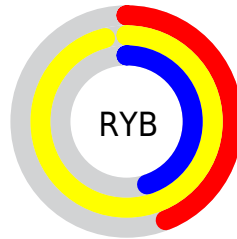
The Yxy color **85.5518, 0.3893, 0.4588** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **22.0660, 0.2096, 0.1569**, and the grayscale version is **79.0411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6072, 0.3643, 0.4143**, and **46.8910, 0.4008, 0.4853** is the 20% darker color. If you saturate the color by 10%, you get **85.0090, 0.3997, 0.4768**, and if you desaturate by 10%, it is **86.2516, 0.3768, 0.4375**.

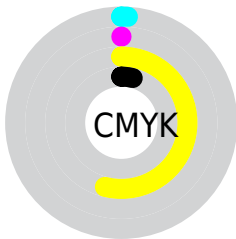
Distribution



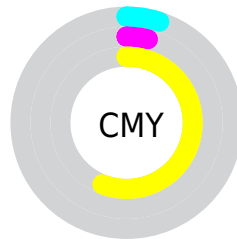
- Red (95%)
- Green (96%)
- Blue (44%)



- Red (44%)
- Yellow (96%)
- Blue (45%)



- Cyan (1%)
- Magenta (0%)
- Yellow (54%)
- Black (4%)





- Cyan (5%)
- Magenta (4%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.5518, 0.3893, 0.4588 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 85.5518, 0.3893, 0.4588 by changing the saturation by 10% instead.


 85.5518, 0.3893,
0.4588

 85.5518, 0.3893,
0.4588


513.4522, 0.3583,
0.4011

 64.2974, 0.3949,
0.4708


 141.1439, 0.3797,
0.4396

 46.8916, 0.4011,
0.4850


 176.2503, 0.3756,
0.4319

 32.9500, 0.4075,
0.5017


 216.7430, 0.3719,
0.4251

 22.0881, 0.4138,
0.5213

263.0061, 0.3686,
0.4191

 13.9217, 0.4184,
0.5437

315.4242, 0.3657,
0.4139

 8.0662, 0.4241,
0.5759

374.3817, 0.3630,

 4.1373, 0.4078,

0.4091

0.5922

440.2629, 0.3606,
0.4049

■ 1.7507, 0.3803,
0.6197

■ 0.4562, 0.0076,
0.9924

■ 85.5518, 0.3893,
0.4588

■ 85.5518, 0.3893,
0.4588

■ 85.0090, 0.3997,
0.4768

■ 86.2516, 0.3768,
0.4375

■ 84.5991, 0.4077,
0.4908


■ 87.1074, 0.3629,
0.4138

■ 84.3117, 0.4131,
0.5004

■ 88.1331, 0.3482,
0.3888

■ 84.1296, 0.4159,
0.5057


■ 89.3379, 0.3332,
0.3634


 84.0541, 0.4166,
0.5074

 90.7300, 0.3183,
0.3384

 91.9874, 0.3070,
0.3193

 92.0554, 0.3072,
0.3193

 92.1235, 0.3074,
0.3193

 92.1918, 0.3077,
0.3193

Harmonies

Analogous

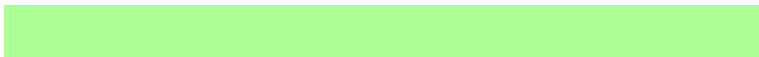
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.5518, 0.4414, 0.4208



85.5518, 0.3893, 0.4588



85.5518, 0.3201, 0.4584

Triad

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



85.5518, 0.3893, 0.4588



85.5518, 0.1854, 0.2631



85.5518, 0.3664, 0.2657

Complementary

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



85.5518, 0.3893, 0.4588



22.0660, 0.2096, 0.1569

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.



85.5518, 0.2910, 0.2315



85.5518, 0.3893, 0.4588



85.5518, 0.1942, 0.2262

Square

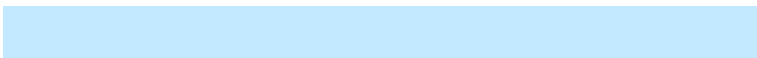
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.5518, 0.3893, 0.4588



85.5518, 0.2048, 0.3285



85.5518, 0.2301, 0.2170



85.5518, 0.4313, 0.3137

Rectangle

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



85.5518, 0.3893, 0.4588



85.5518, 0.2737, 0.4288



85.5518, 0.2301, 0.2170



85.5518, 0.3409, 0.2524

Sweetspot

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



85.5557, 0.3893, 0.4588



97.5263, 0.3364, 0.3689



32.4300, 0.4730, 0.3295



20.8148, 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.



85.5557, 0.3893, 0.4588



93.0247, 0.4009, 0.4789



76.0923, 0.3437, 0.4822



19.2998, 0.3266, 0.3524



45.2832, 0.4167, 0.5074



3.9840, 0.4170, 0.5071

Inverse Universe

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



22.0660, 0.2096, 0.1569



16.6716, 0.1871, 0.1198



28.0029, 0.2584, 0.1765



15.9389, 0.2981, 0.3045



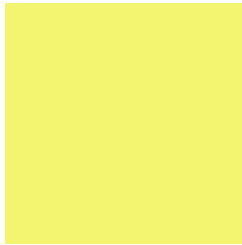
3.5700, 0.1505, 0.0603



0.3180, 0.1517, 0.0609

Previews

White Background



This preview shows how the Yxy color 85.5518, 0.3893, 0.4588 looks on a white background.

Color Contrast Check

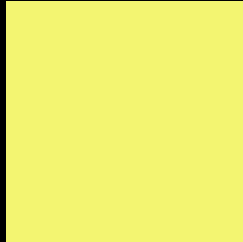
Large Text (above 18pt) WCAG AA × Fail

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 85.5518, 0.3893, 0.4588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

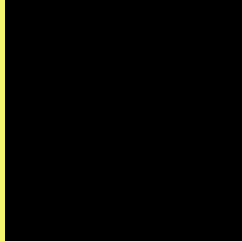
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.5518, 0.3893, 0.4588

Background



This preview shows how black text looks on a background with the Yxy color 85.5518, 0.3893, 0.4588.



This preview shows how white text looks on a background with the Yxy color 85.5518, 0.3893, 0.4588.

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

85.5518, 0.3893, 0.4588

Protanopia

85.2736, 0.3689, 0.3983

Deuteranopia

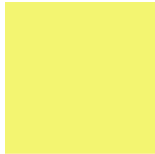
85.4301, 0.3413, 0.3520



Tritanopia

85.1891, 0.3182, 0.3125

Trichromacy



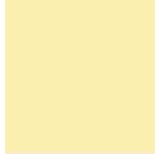
Original Color

85.5518, 0.3893, 0.4588



Protanomaly

85.5897, 0.3773, 0.4213



Deuteranomaly

85.3768, 0.3612, 0.3929



Tritanomaly

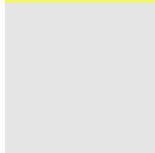
84.6237, 0.3469, 0.3666

Monochromacy



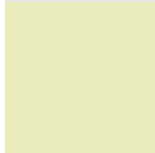
Original Color

85.5518, 0.3893, 0.4588



Achromatopsia

78.3538, 0.3127, 0.3290



Achromatomaly

80.4969, 0.3428, 0.3800

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.5518, 0.3893, 0.4588 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, 113)` looks like.

```
.text, #text, p{  
    color:rgb(243, 245, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 245, 113) }
```

Border

The CSS property to change the border of an element to Yxy 85.5518, 0.3893, 0.4588 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, 113) }
```

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

```
.border{ border-color:rgb(243, 245, 113) }
```

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, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 245, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 245, 113);  
box-shadow:4px 4px 4px 4px rgb(243, 245,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 85.5518, 0.3893, 0.4588 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, 113) }
```

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

```
.background{ background-color: rgb(243,  
245, 113) }
```

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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