

Converting Colors

Yxy(85.6121, 0.3669, 0.4942)

Have a look what the booklet for
Yxy(85.6121, 0.3669, 0.4942)
contains.

Yxy(85.6116, 0.3670, 0.4944)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(85.6116, 0.3670, 0.4944)

Conversions

Conversions Part 1

Format	Color
Hex	CFFF5F
RGB	207, 255, 95
RGB Percent	81%, 100%, 37%
CMY	0.1884, 0.0000, 0.6275
CMYK	0.19, 0.00, 0.63, 0.00
HSL	78°, 100%, 69%
HSV	78°, 63%, 100%
XYZ	63.5507, 85.6116, 24.0003
YIQ	222.4080, 22.7520, -59.9360

Conversions

Conversions Part 2

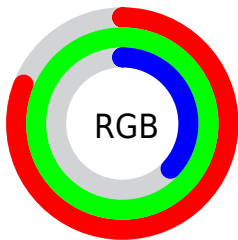
Format	Color
R _Y B	95, 255, 143
Decimal	13631327
CIE Lab	94.15, -37.55, 69.09
CIE LCh	94, 78.638, 118.523
Yxy	85.6116, 0.3670, 0.4944
Android (android.graphics.Color)	4291821407 (0xFFCFFF5F)
YUV	222.4080, -62.8121, -13.5128
Hunter-Lab	92.5265, -39.3210, 49.3894

Details

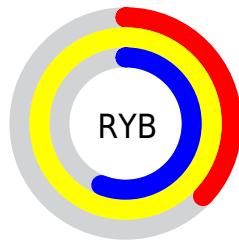
The Yxy color **85.6116, 0.3670, 0.4944** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **21.2468, 0.2207, 0.1401**, and the grayscale version is **73.7836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0144, 0.3739, 0.4302**, and **46.8875, 0.3713, 0.5298** is the 20% darker color. If you saturate the color by 10%, you get **84.1407, 0.3702, 0.5150**, and if you desaturate by 10%, it is **87.2782, 0.3615, 0.4702**.

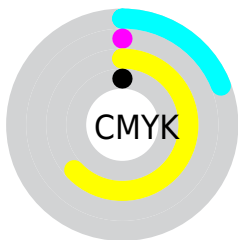
Distribution



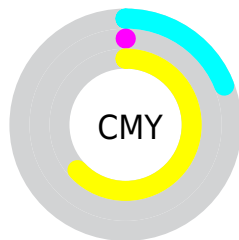
- Red (81%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (56%)



- Cyan (19%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.6116, 0.3670, 0.4944 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 85.6116, 0.3670, 0.4944 by changing the saturation by 10% instead.


 85.6116, 0.3670,
0.4944

 85.6116, 0.3670,
0.4944


513.6496, 0.3482,
0.4186

 64.3468, 0.3694,
0.5106


 141.2274, 0.3620,
0.4688


 46.9317, 0.3713,
0.5299


 176.3472, 0.3596,
0.4586

 32.9816, 0.3720,
0.5528


 216.8541, 0.3573,
0.4498

 22.1124, 0.3703,
0.5799

 263.1326, 0.3552,
0.4420

 13.9395, 0.3647,
0.6136

315.5670, 0.3532,
0.4351

 8.0786, 0.3490,
0.6510

374.5417, 0.3514,

 4.1453, 0.3133,

0.4290

0.6867

440.4411, 0.3497,
0.4235

■ 1.7552, 0.2457,
0.7543

■ 0.4590, 0.0000,
1.0000

■ 85.6116, 0.3670,
0.4944

■ 85.6116, 0.3670,
0.4944

■ 84.1407, 0.3702,
0.5150

■ 87.2782, 0.3615,
0.4702

■ 82.8635, 0.3708,
0.5310


■ 89.1687, 0.3541,
0.4437

■ 81.7558, 0.3689,
0.5420

■ 91.2912, 0.3452,
0.4160

■ 81.0380, 0.3663,
0.5474

■ 93.6571, 0.3356,
0.3882

 96.2770, 0.3255,
0.3613

 99.1608, 0.3154,
0.3357

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



85.6116, 0.4412, 0.4583



85.6116, 0.3670, 0.4944



85.6116, 0.2831, 0.4703

Triad

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



85.6116, 0.3670, 0.4944



85.6116, 0.1638, 0.2261



85.6116, 0.4147, 0.2755

Complementary

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



85.6116, 0.3670, 0.4944



21.2468, 0.2207, 0.1401

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.



85.6116, 0.3232, 0.2287



85.6116, 0.3670, 0.4944



85.6116, 0.1871, 0.1994

Square

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



85.6116, 0.3670, 0.4944



85.6116, 0.1712, 0.2887



85.6116, 0.2410, 0.2018



85.6116, 0.4777, 0.3343

Rectangle

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



85.6116, 0.3670, 0.4944



85.6116, 0.2328, 0.4167



85.6116, 0.2410, 0.2018



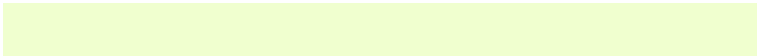
85.6116, 0.3853, 0.2582

Sweetspot

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



85.6068, 0.3670, 0.4944



94.6080, 0.3318, 0.3780



41.7310, 0.4789, 0.3762



20.0939, 0.3347, 0.3858



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.



85.6068, 0.3670, 0.4944



83.8369, 0.3706, 0.5190



76.8582, 0.3176, 0.5241



20.8010, 0.3222, 0.3528



42.4256, 0.3671, 0.5467



4.1878, 0.3732, 0.5419

Inverse Universe

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



21.2468, 0.2207, 0.1401



14.9355, 0.2002, 0.1077



31.0922, 0.2897, 0.1713



17.6420, 0.3026, 0.3048



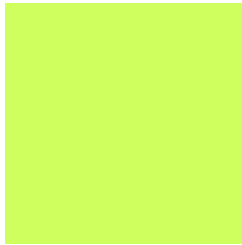
4.6547, 0.1700, 0.0710



0.5072, 0.1817, 0.0775

Previews

White Background



This preview shows how the Yxy color 85.6116, 0.3670, 0.4944 looks on a white background.

Color Contrast Check

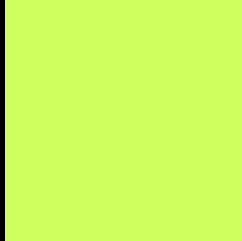
Large Text (above 18pt) WCAG AA × Fail

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 85.6116, 0.3670, 0.4944 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 85.6116, 0.3670, 0.4944

Background



This preview shows how black text looks on a background with the Yxy color 85.6116, 0.3670, 0.4944.

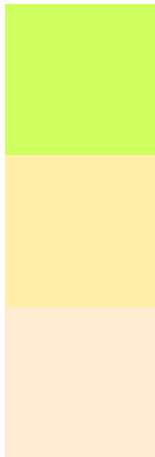


This preview shows how white text looks on a background with the Yxy color 85.6116, 0.3670, 0.4944.

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

85.6116, 0.3670, 0.4944

Protanopia

85.1257, 0.3715, 0.4023

Deuteranopia

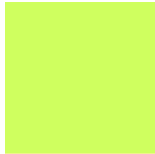
84.7588, 0.3428, 0.3531



Tritanopia

85.4470, 0.2962, 0.3128

Trichromacy



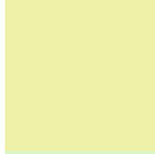
Original Color

85.6116, 0.3670, 0.4944



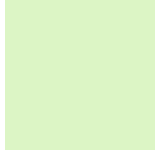
Protanomaly

84.7720, 0.3720, 0.4359



Deuteranomaly

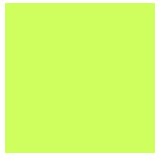
84.5086, 0.3561, 0.4062



Tritanomaly

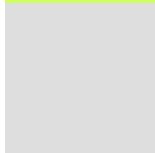
84.5517, 0.3252, 0.3806

Monochromacy



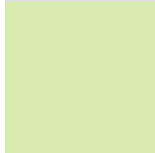
Original Color

85.6116, 0.3670, 0.4944



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

76.7319, 0.3378, 0.3935

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.6116, 0.3670, 0.4944 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(207, 255, 95)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 95)  
}
```

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(207, 255, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 95) }
```

Border

The CSS property to change the border of an element to Yxy 85.6116, 0.3670, 0.4944 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(207, 255, 95) }
```

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

```
.border{ border-color:rgb(207, 255, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 255, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 255, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 255, 95);  
box-shadow:4px 4px 4px 4px rgb(207, 255,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 85.6116, 0.3670, 0.4944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 255, 95) }
```

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

```
.background{ background-color: rgb(207,  
255, 95) }
```

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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