

Converting Colors

$Y_{xy}(85.3278, 0.3881, 0.5294)$

Have a look what the booklet for
Yxy(85.3278, 0.3881, 0.5294)
contains.

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Color

Yxy(85.3776, 0.3883, 0.5293)

Conversions

Conversions Part 1

Format	Color
Hex	D3FF04
RGB	211, 255, 4
RGB Percent	83%, 100%, 2%
CMY	0.1728, 0.0000, 0.9844
CMYK	0.17, 0.00, 0.98, 0.00
HSL	71°, 100%, 51%
HSV	71°, 98%, 100%
XYZ	62.6339, 85.3776, 13.2914
YIQ	213.2300, 54.3470, -87.3890

Conversions

Conversions Part 2

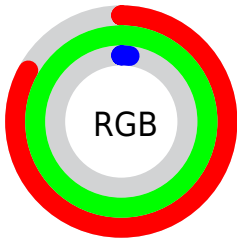
Format	Color
R_{YB}	4, 255, 48
Decimal	13893380
CIE Lab	94.05, -39.23, 90.52
CIE LCh	94, 98.656, 113.431
Yxy	85.3776, 0.3883, 0.5293
Android (android.graphics.Color)	4292083460 (0xFFD3FF04)
YUV	213.2300, -103.1504, -1.9557
Hunter-Lab	92.4000, -40.7027, 56.1514

Details

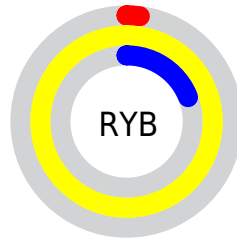
The Yxy color **85.3776, 0.3883, 0.5293** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **7.9354, 0.1578, 0.0648**, and the grayscale version is **67.3651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6245, 0.4002, 0.4736**, and **46.9675, 0.3777, 0.5383** is the 20% darker color. If you saturate the color by 10%, you get **85.2579, 0.3880, 0.5301**, and if you desaturate by 10%, it is **86.1218, 0.3894, 0.5229**.

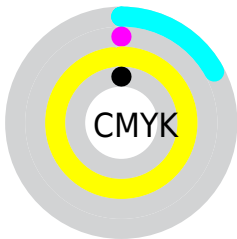
Distribution



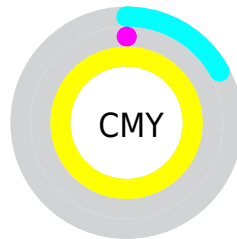
- Red (83%)
- Green (100%)
- Blue (2%)



- Red (2%)
- Yellow (100%)
- Blue (19%)



- Cyan (17%)
- Magenta (0%)
- Yellow (98%)
- Black (0%)




- Cyan (17%)
- Magenta (0%)
- Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.3776, 0.3883, 0.5293 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 85.3776, 0.3883, 0.5293 by changing the saturation by 10% instead.

 85.3776, 0.3883,
0.5293


 85.3776, 0.3883,
0.5293


512.8767, 0.3652,
0.4418

 64.1534, 0.3900,
0.5462


 140.9006, 0.3832,
0.5012

 46.7750, 0.3902,
0.5652


 175.9683, 0.3803,
0.4895


 32.8578, 0.3879,
0.5861


 216.4192, 0.3775,
0.4792

 22.0175, 0.3830,
0.6118

 262.6378, 0.3748,
0.4700

 13.8698, 0.3673,
0.6327

 315.0084, 0.3721,
0.4618

 8.0301, 0.3423,
0.6577

 373.9155, 0.3697,


 4.1142, 0.3049,


0.4544


0.6951


439.7435, 0.3674,
0.4478


 1.7377, 0.2304,
0.7696


 0.4479, 0.0000,
1.0000


 85.3776, 0.3883,
0.5293


 85.3776, 0.3883,
0.5293

 85.2579, 0.3880,
0.5301

 86.1218, 0.3894,
0.5229

 86.9949, 0.3882,
0.5122

 88.0128, 0.3843,
0.4968

 89.1927, 0.3778,
0.4771

■ 90.5493, 0.3691,
0.4541

■ 92.0954, 0.3587,
0.4289

■ 93.8424, 0.3472,
0.4025

■ 95.8010, 0.3351,
0.3759

■ 97.9809, 0.3229,
0.3500

Harmonies

Analogous

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



85.3776, 0.4759, 0.4666



85.3776, 0.3883, 0.5293



85.3776, 0.2880, 0.5243

Triad

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



85.3776, 0.3883, 0.5293



85.3776, 0.1348, 0.2109



85.3776, 0.4212, 0.2522

Complementary

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



85.3776, 0.3883, 0.5293



7.9354, 0.1578, 0.0648

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.



85.3776, 0.3048, 0.2017



85.3776, 0.3883, 0.5293



85.3776, 0.1556, 0.1760

Square

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



85.3776, 0.3883, 0.5293



85.3776, 0.1474, 0.2927



85.3776, 0.2111, 0.1750



85.3776, 0.5098, 0.3176

Rectangle

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



85.3776, 0.3883, 0.5293



85.3776, 0.2258, 0.4628



85.3776, 0.2111, 0.1750



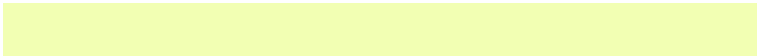
85.3776, 0.3824, 0.2332

Sweetspot

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



85.3694, 0.3883, 0.5293



93.5564, 0.3491, 0.4066



23.2081, 0.6228, 0.3423



19.8648, 0.3540, 0.4178



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.



85.3694, 0.3883, 0.5293



85.2579, 0.3880, 0.5301



73.5864, 0.3167, 0.5860



20.9200, 0.3242, 0.3527



44.6079, 0.3886, 0.5297



4.3837, 0.3923, 0.5267

Inverse Universe

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



7.9354, 0.1578, 0.0648



7.7723, 0.1567, 0.0637



16.0007, 0.2381, 0.1090



17.5310, 0.3006, 0.3046



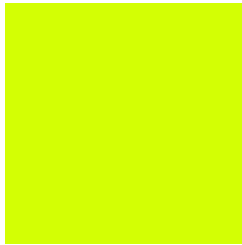
4.1053, 0.1578, 0.0643



0.4398, 0.1670, 0.0694

Previews

White Background



This preview shows how the Yxy color 85.3776, 0.3883, 0.5293 looks on a white background.

Color Contrast Check

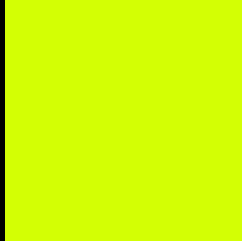
Large Text (above 18pt) WCAG AA × Fail

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 85.3776, 0.3883, 0.5293 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 85.3776, 0.3883, 0.5293

Background



This preview shows how black text looks on a background with the Yxy color 85.3776, 0.3883, 0.5293.

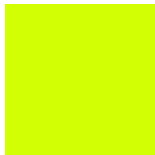


This preview shows how white text looks on a background with the Yxy color 85.3776, 0.3883, 0.5293.

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

85.3776, 0.3883, 0.5293



Protanopia

85.0177, 0.3734, 0.4052



Deuteranopia

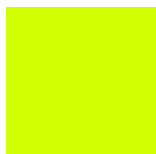
84.6597, 0.3442, 0.3551



Tritanopia

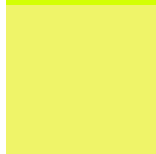
84.9442, 0.2987, 0.3109

Trichromacy



Original Color

85.3776, 0.3883, 0.5293



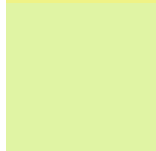
Protanomaly

84.0720, 0.3907, 0.4659



Deuteranomaly

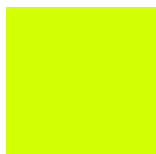
83.5762, 0.3768, 0.4396



Tritanomaly

83.2290, 0.3480, 0.4150

Monochromacy



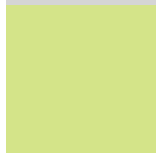
Original Color

85.3776, 0.3883, 0.5293



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

71.2900, 0.3601, 0.4321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.3776, 0.3883, 0.5293 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(211, 255, 4)` looks like.

```
.text, #text, p{  
    color:rgb(211, 255, 4)  
}
```

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(211, 255, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 4) }
```

Border

The CSS property to change the border of an element to Yxy 85.3776, 0.3883, 0.5293 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(211, 255, 4) }
```

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

```
.border{ border-color:rgb(211, 255, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 255, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 4);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
4) }
```


Background

The CSS property to change the background color of an element to Yxy 85.3776, 0.3883, 0.5293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 4) }
```

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

```
.background{ background-color: rgb(211,  
255, 4) }
```

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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