

Converting Colors

Yxy(70.8964, 0.3859, 0.5224)

Have a look what the booklet for
Yxy(70.8964, 0.3859, 0.5224)
contains.

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Color

Yxy(71.1343, 0.3857, 0.5226)

Conversions

Conversions Part 1

Format	Color
Hex	C3EB22
RGB	195, 235, 34
RGB Percent	76%, 92%, 13%
CMY	0.2354, 0.0784, 0.8663
CMYK	0.17, 0.00, 0.85, 0.08
HSL	72°, 83%, 53%
HSV	72°, 85%, 92%
XYZ	52.5000, 71.1343, 12.4819
YIQ	200.1260, 40.6810, -70.9910

Conversions

Conversions Part 2

Format	Color
RYB	34, 235, 74
Decimal	12839714
CIELab	87.55, -36.09, 81.38
CIELCh	88, 89.023, 113.917
Yxy	71.1343, 0.3857, 0.5226
Android (android.graphics.Color)	4291029794 (0xFFC3EB22)
YUV	200.1260, -81.9001, -4.4955
Hunter-Lab	84.3412, -36.4858, 50.2643

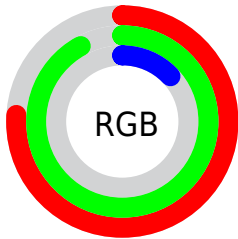
Details

The Yxy color **71.1343, 0.3857, 0.5226** is a light color, and the websafe version is hex **CCFF33**.

The color can be described as light washed yellow. A complement of this color would be **8.6077, 0.1731, 0.0810**, and the grayscale version is **58.3418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7393, 0.3978, 0.4696**, and **37.4744, 0.3775, 0.5385** is the 20% darker color. If you saturate the color by 10%, you get **70.4309, 0.3849, 0.5307**, and if you desaturate by 10%, it is **71.9562, 0.3840, 0.5099**.

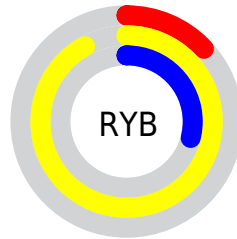
Distribution



Red (76%)

Green (92%)

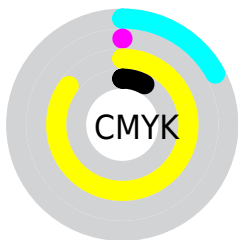
Blue (13%)



Red (13%)

Yellow (92%)

Blue (29%)

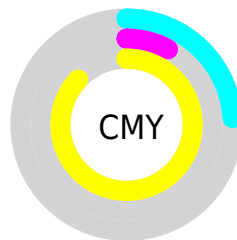


Cyan (17%)

Magenta (0%)

Yellow (85%)

Black (8%)



Cyan (24%)


Magenta (8%)

Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1343, 0.3857, 0.5226 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 71.1343, 0.3857, 0.5226 by changing the saturation by 10% instead.


 71.1343, 0.3857,
0.5226


 71.1343, 0.3857,
0.5226


464.5228, 0.3614,
0.4342


 52.4518, 0.3878,
0.5406


 120.8249, 0.3799,
0.4933


 37.3653, 0.3885,
0.5611


 152.6019, 0.3768,
0.4815


 25.4905, 0.3865,
0.5843

 189.5124, 0.3739,
0.4711

 16.4429, 0.3829,
0.6155

 231.9409, 0.3710,
0.4619

 9.8381, 0.3633,
0.6367

 280.2718, 0.3684,
0.4538

 5.2917, 0.3337,
0.6663

 334.8895, 0.3659,

 2.4194, 0.2866,

0.4465

0.7134

396.1783, 0.3636,
0.4400

■ 0.8359, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 71.1343, 0.3857,
0.5226

■ 71.1343, 0.3857,
0.5226

■ 70.4309, 0.3849,
0.5307


■ 71.9562, 0.3840,
0.5099


■ 70.1377, 0.3840,
0.5333


■ 72.9034, 0.3797,
0.4926


■ 73.9925, 0.3729,
0.4713

■ 75.2350, 0.3641,
0.4472

 76.6411, 0.3538,
0.4212

 78.2200, 0.3425,
0.3945

 79.9801, 0.3308,
0.3681

 81.9295, 0.3191,
0.3425

 84.0754, 0.3076,
0.3183

Harmonies

Analogous

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



71.1343, 0.4704, 0.4648



71.1343, 0.3857, 0.5226



71.1343, 0.2885, 0.5142

Triad

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



71.1343, 0.3857, 0.5226



71.1343, 0.1402, 0.2146



71.1343, 0.4187, 0.2560

Complementary

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



71.1343, 0.3857, 0.5226



8.6077, 0.1731, 0.0810

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.



71.1343, 0.3071, 0.2064



71.1343, 0.3857, 0.5226



71.1343, 0.1610, 0.1806

Square

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



71.1343, 0.3857, 0.5226



71.1343, 0.1523, 0.2931



71.1343, 0.2159, 0.1799



71.1343, 0.5029, 0.3201

Rectangle

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



71.1343, 0.3857, 0.5226



71.1343, 0.2283, 0.4547



71.1343, 0.2159, 0.1799



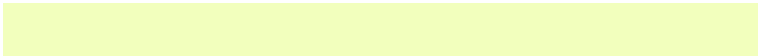
71.1343, 0.3817, 0.2373

Sweetspot

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



71.1375, 0.3857, 0.5226



94.0215, 0.3433, 0.3962



22.2758, 0.5846, 0.3538



19.9788, 0.3472, 0.4055



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.



71.1375, 0.3857, 0.5226



84.3855, 0.3838, 0.5334



62.1185, 0.3218, 0.5710



17.4666, 0.3237, 0.3525



39.0861, 0.3846, 0.5329



3.1077, 0.3896, 0.5288

Inverse Universe

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



8.6077, 0.1731, 0.0810



7.9186, 0.1585, 0.0647



15.8483, 0.2530, 0.1236



14.6934, 0.3011, 0.3049



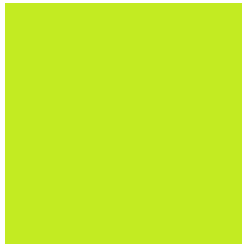
3.7146, 0.1599, 0.0654



0.3310, 0.1724, 0.0723

Previews

White Background



This preview shows how the Yxy color 71.1343, 0.3857, 0.5226 looks on a white background.

Color Contrast Check

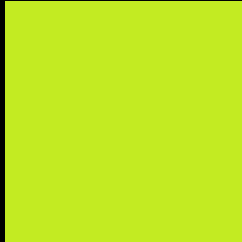
Large Text (above 18pt) WCAG AA × Fail

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 71.1343, 0.3857, 0.5226 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 71.1343, 0.3857, 0.5226

Background



This preview shows how black text looks on a background with the Yxy color 71.1343, 0.3857, 0.5226.



This preview shows how white text looks on a background with the Yxy color 71.1343, 0.3857, 0.5226.

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

71.1343, 0.3857, 0.5226

Protanopia

70.5259, 0.4382, 0.4836

Deuteranopia

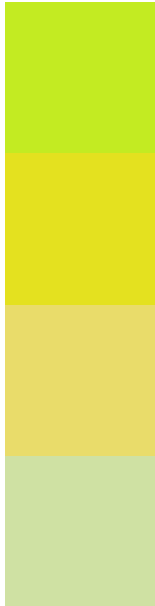
70.4536, 0.3935, 0.3958



Tritanopia

71.0153, 0.2982, 0.3105

Trichromacy



Original Color

71.1343, 0.3857, 0.5226

Protanomaly

70.4433, 0.4185, 0.4982

Deuteranomaly

69.5506, 0.3983, 0.4483

Tritanomaly

69.7602, 0.3406, 0.4009

Monochromacy



Original Color

71.1343, 0.3857, 0.5226

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

61.4877, 0.3519, 0.4176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1343, 0.3857, 0.5226 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(195, 235, 34)` looks like.

```
.text, #text, p{  
    color:rgb(195, 235, 34)  
}
```

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(195, 235, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 235, 34) }
```

Border

The CSS property to change the border of an element to Yxy 71.1343, 0.3857, 0.5226 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(195, 235, 34) }
```

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

```
.border{ border-color:rgb(195, 235, 34) }
```

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

Here you see how a box with a 4 pixel rgb(195, 235, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 235, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 235, 34);  
box-shadow:4px 4px 4px 4px rgb(195, 235,  
34) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1343, 0.3857, 0.5226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 235, 34) }
```

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

```
.background{ background-color: rgb(195,  
235, 34) }
```

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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