

Converting Colors

Yxy(73.8855, 0.3858, 0.5243)

Have a look what the booklet for
Yxy(73.8855, 0.3858, 0.5243)
contains.

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Color

Yxy(73.8377, 0.3860, 0.5240)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C6EF1F |
| RGB | 198, 239, 31 |
| RGB Percent | 78%, 94%, 12% |
| CMY | 0.2237, 0.0627, 0.8784 |
| CMYK | 0.17, 0.00, 0.87, 0.06 |
| HSL | 72°, 87%, 53% |
| HSV | 72°, 87%, 94% |
| XYZ | 54.3919, 73.8377, 12.6820 |
| YIQ | 203.0290, 42.3320, -73.3800 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 31, 239, 72 |
| Decimal | 13037343 |
| CIE Lab | 88.85, -36.81, 83.10 |
| CIE LCh | 89, 90.882, 113.890 |
| Yxy | 73.8377, 0.3860, 0.5240 |
| Android (android.graphics.Color) | 4291227423 (0xFFC6EF1F) |
| YUV | 203.0290, -84.8103, -4.4104 |
| Hunter-Lab | 85.9289, -37.3873, 51.3997 |

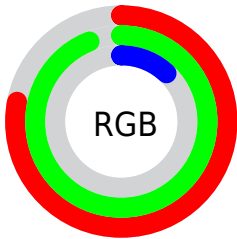
Details

The Yxy color **73.8377, 0.3860, 0.5240** 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 **8.5954, 0.1710, 0.0784**, and the grayscale version is **60.2608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7196, 0.3982, 0.4703**, and **39.3559, 0.3774, 0.5385** is the 20% darker color. If you saturate the color by 10%, you get **73.1264, 0.3848, 0.5314**, and if you desaturate by 10%, it is **74.6683, 0.3847, 0.5120**.

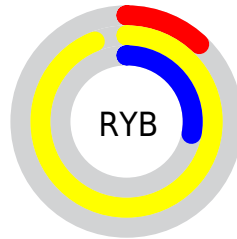
Distribution



Red (78%)

Green (94%)

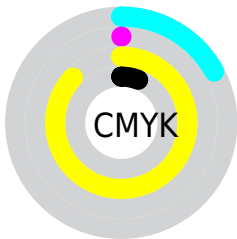
Blue (12%)



Red (12%)

Yellow (94%)

Blue (28%)

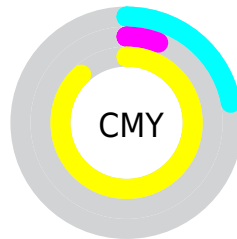


Cyan (17%)

Magenta (0%)

Yellow (87%)

Black (6%)



Cyan (22%)

Magenta (6%)

Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.8377, 0.3860, 0.5240 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 73.8377, 0.3860, 0.5240 by changing the saturation by 10% instead.


 73.8377, 0.3860,
0.5240


 73.8377, 0.3860,
0.5240

473.9130, 0.3620,
0.4357


 54.6612, 0.3880,
0.5418


 124.6657, 0.3803,
0.4949

 39.1305, 0.3886,
0.5621


 157.0860, 0.3773,
0.4831


 26.8613, 0.3865,
0.5848


 194.6897, 0.3744,
0.4727

 17.4691, 0.3825,
0.6147

 237.8612, 0.3716,
0.4635

 10.5695, 0.3639,
0.6361

 286.9849, 0.3690,
0.4554

 5.7782, 0.3353,
0.6647


 342.4452, 0.3665,

 2.7107, 0.2903,

0.4481

0.7097

404.6264, 0.3642,
0.4416


 0.9826, 0.0318,
0.9682


 0.0000, 0.0000,
0.0000

 73.8377, 0.3860,
0.5240


 73.8377, 0.3860,
0.5240


 73.1264, 0.3848,
0.5314


 74.6683, 0.3847,
0.5120


 72.9266, 0.3843,
0.5331


 75.6266, 0.3807,
0.4955


 76.7301, 0.3743,
0.4748

 77.9912, 0.3658,
0.4511

 79.4206, 0.3556,
0.4253

 81.0281, 0.3444,
0.3987

 82.8226, 0.3327,
0.3721

 84.8125, 0.3209,
0.3463

 87.0055, 0.3093,
0.3219

Harmonies

Analogous

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



73.8377, 0.4713, 0.4653



73.8377, 0.3860, 0.5240



73.8377, 0.2882, 0.5160

Triad

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



73.8377, 0.3860, 0.5240



73.8377, 0.1391, 0.2137



73.8377, 0.4194, 0.2554

Complementary

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



73.8377, 0.3860, 0.5240



8.5954, 0.1710, 0.0784

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.



73.8377, 0.3069, 0.2056



73.8377, 0.3860, 0.5240



73.8377, 0.1601, 0.1797

Square

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



73.8377, 0.3860, 0.5240



73.8377, 0.1513, 0.2928



73.8377, 0.2151, 0.1789



73.8377, 0.5043, 0.3198

Rectangle

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



73.8377, 0.3860, 0.5240



73.8377, 0.2276, 0.4560



73.8377, 0.2151, 0.1789



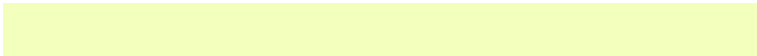
73.8377, 0.3821, 0.2366

Sweetspot

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



73.8410, 0.3860, 0.5240



94.0420, 0.3433, 0.3962



22.7280, 0.5899, 0.3529



19.9837, 0.3473, 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.



73.8410, 0.3860, 0.5240



84.4487, 0.3841, 0.5332



64.3779, 0.3211, 0.5736



18.2922, 0.3238, 0.3525



40.3499, 0.3848, 0.5326



3.3964, 0.3896, 0.5288

Inverse Universe

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



8.5954, 0.1710, 0.0784



7.9072, 0.1584, 0.0646



16.1157, 0.2517, 0.1216



15.3790, 0.3010, 0.3048



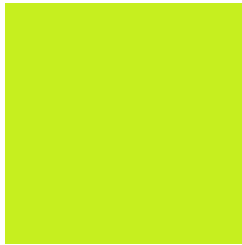
3.8236, 0.1596, 0.0653



0.3582, 0.1713, 0.0718

Previews

White Background



This preview shows how the Yxy color 73.8377, 0.3860, 0.5240 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 73.8377, 0.3860, 0.5240 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 73.8377, 0.3860, 0.5240

Background



This preview shows how black text looks on a background with the Yxy color 73.8377, 0.3860, 0.5240.



This preview shows how white text looks on a background with the Yxy color 73.8377, 0.3860, 0.5240.

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

73.8377, 0.3860, 0.5240

Protanopia

73.3592, 0.4384, 0.4847

Deuteranopia

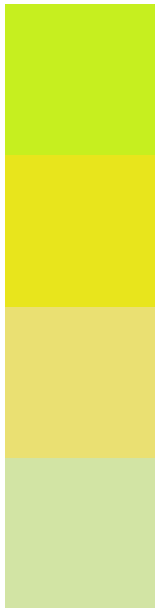
72.9449, 0.3818, 0.3856



Tritanopia

73.2855, 0.2978, 0.3097

Trichromacy



Original Color

73.8377, 0.3860, 0.5240

Protanomaly

73.2783, 0.4190, 0.4992

Deuteranomaly

72.0186, 0.3925, 0.4443

Tritanomaly

71.8688, 0.3415, 0.4022

Monochromacy



Original Color

73.8377, 0.3860, 0.5240

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

63.4227, 0.3534, 0.4199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8377, 0.3860, 0.5240 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(198, 239, 31)` looks like.

```
.text, #text, p{  
    color:rgb(198, 239, 31)  
}
```

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(198, 239, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 239, 31) }
```

Border

The CSS property to change the border of an element to Yxy 73.8377, 0.3860, 0.5240 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(198, 239, 31) }
```

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

```
.border{ border-color:rgb(198, 239, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 239, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 239, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 239, 31);  
box-shadow:4px 4px 4px 4px rgb(198, 239,  
31) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8377, 0.3860, 0.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 239, 31) }
```

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

```
.background{ background-color: rgb(198,  
239, 31) }
```

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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