

Converting Colors

Yxy(69.9132, 0.3875, 0.5293)

Have a look what the booklet for
Yxy(69.9132, 0.3875, 0.5293)
contains.

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Color

Yxy(70.0674, 0.3870, 0.5296)

Conversions

Conversions Part 1

Format	Color
Hex	C0EA07
RGB	192, 234, 7
RGB Percent	75%, 92%, 3%
CMY	0.2470, 0.0823, 0.9714
CMYK	0.18, 0.00, 0.97, 0.08
HSL	71°, 94%, 47%
HSV	71°, 97%, 92%
XYZ	51.2011, 70.0674, 11.0340
YIQ	195.5640, 47.8350, -79.5010

Conversions

Conversions Part 2

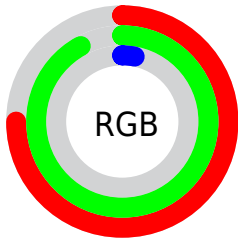
Format	Color
RYB	7, 234, 49
Decimal	12642823
CIELab	87.03, -37.26, 84.39
CIElCh	87, 92.253, 113.822
Yxy	70.0674, 0.3870, 0.5296
Android (android.graphics.Color)	4290832903 (0xFFC0EA07)
YUV	195.5640, -92.9621, -3.1256
Hunter-Lab	83.7063, -37.3019, 50.7789

Details

The Yxy color **70.0674, 0.3870, 0.5296** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed yellow. A complement of this color would be **6.7590, 0.1601, 0.0667**, and the grayscale version is **55.4945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1754, 0.4003, 0.4769**, and **36.8273, 0.3754, 0.5401** is the 20% darker color. If you saturate the color by 10%, you get **69.8792, 0.3865, 0.5314**, and if you desaturate by 10%, it is **70.7262, 0.3879, 0.5223**.

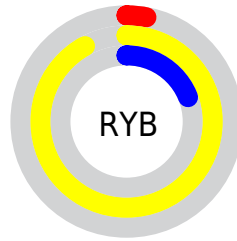
Distribution



Red (75%)

Green (92%)

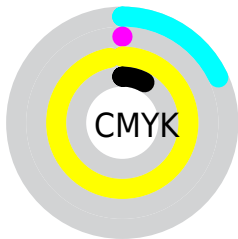
Blue (3%)



Red (3%)

Yellow (92%)

Blue (19%)

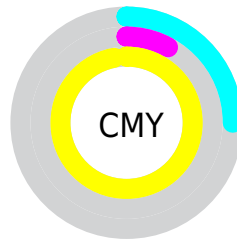


Cyan (18%)

Magenta (0%)

Yellow (97%)

Black (8%)



Cyan (25%)


Magenta (8%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.0674, 0.3870, 0.5296 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 70.0674, 0.3870, 0.5296 by changing the saturation by 10% instead.


 70.0674, 0.3870,
0.5296

 70.0674, 0.3870,
0.5296


460.7866, 0.3631,
0.4384

 51.5815, 0.3887,
0.5479


 119.3049, 0.3816,
0.4996


 36.6716, 0.3886,
0.5686


 150.8252, 0.3787,
0.4874

 24.9533, 0.3853,
0.5916


 187.4591, 0.3757,
0.4766

 16.0423, 0.3791,
0.6209

 229.5911, 0.3729,
0.4671

 9.5541, 0.3579,
0.6421

 277.6054, 0.3702,
0.4587

 5.1043, 0.3266,
0.6734


 331.8865, 0.3677,

 2.3086, 0.2767,


0.4512


0.7233


392.8188, 0.3653,
0.4444

 0.7783, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 70.0674, 0.3870,
0.5296


 70.0674, 0.3870,
0.5296

 69.8792, 0.3865,
0.5314

 70.7262, 0.3879,
0.5223

 71.4872, 0.3863,
0.5105

 72.3708, 0.3821,
0.4941

 73.3906, 0.3754,
0.4737

■ 74.5581, 0.3666,
0.4501

■ 75.8835, 0.3562,
0.4246

■ 77.3761, 0.3448,
0.3981

■ 79.0443, 0.3329,
0.3716

■ 80.8959, 0.3208,
0.3460

Harmonies

Analogous

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



70.0674, 0.4749, 0.4675



70.0674, 0.3870, 0.5296



70.0674, 0.2868, 0.5233

Triad

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



70.0674, 0.3870, 0.5296



70.0674, 0.1350, 0.2103



70.0674, 0.4225, 0.2531

Complementary

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



70.0674, 0.3870, 0.5296



6.7590, 0.1601, 0.0667

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.



70.0674, 0.3062, 0.2024



70.0674, 0.3870, 0.5296



70.0674, 0.1562, 0.1759

Square

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



70.0674, 0.3870, 0.5296



70.0674, 0.1471, 0.2913



70.0674, 0.2122, 0.1753



70.0674, 0.5103, 0.3186

Rectangle

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



70.0674, 0.3870, 0.5296



70.0674, 0.2248, 0.4611



70.0674, 0.2122, 0.1753



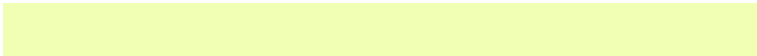
70.0674, 0.3838, 0.2340

Sweetspot

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



70.0706, 0.3870, 0.5296



93.6119, 0.3474, 0.4041



19.6931, 0.6160, 0.3460



19.8693, 0.3523, 0.4155



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.



70.0706, 0.3870, 0.5296



84.8950, 0.3863, 0.5315



60.5295, 0.3162, 0.5854



17.4777, 0.3239, 0.3525



39.3183, 0.3870, 0.5309



3.1239, 0.3917, 0.5272

Inverse Universe

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



6.7590, 0.1601, 0.0667



7.8301, 0.1574, 0.0641



13.8022, 0.2436, 0.1126



14.6831, 0.3009, 0.3048



3.6706, 0.1587, 0.0648



0.3261, 0.1709, 0.0715

Previews

White Background



This preview shows how the Yxy color 70.0674, 0.3870, 0.5296 looks on a white background.

Color Contrast Check

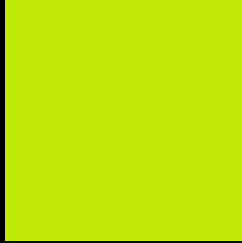
Large Text (above 18pt) WCAG AA × Fail

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 70.0674, 0.3870, 0.5296 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 70.0674, 0.3870, 0.5296

Background



This preview shows how black text looks on a background with the Yxy color 70.0674, 0.3870, 0.5296.

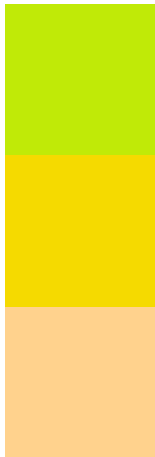


This preview shows how white text looks on a background with the Yxy color 70.0674, 0.3870, 0.5296.

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

70.0674, 0.3870, 0.5296

Protanopia

69.5553, 0.4405, 0.4884

Deuteranopia

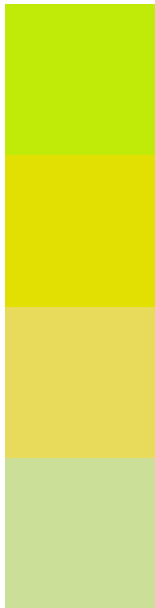
69.2763, 0.3987, 0.3997



Tritanopia

69.4728, 0.2968, 0.3093

Trichromacy



Original Color

70.0674, 0.3870, 0.5296

Protanomaly

69.4866, 0.4207, 0.5037

Deuteranomaly

68.5915, 0.4055, 0.4594

Tritanomaly

67.8797, 0.3459, 0.4123

Monochromacy



Original Color

70.0674, 0.3870, 0.5296

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

59.2276, 0.3591, 0.4307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0674, 0.3870, 0.5296 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(192, 234, 7)` looks like.

```
.text, #text, p{  
    color:rgb(192, 234, 7)  
}
```

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(192, 234, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 234, 7) }
```

Border

The CSS property to change the border of an element to Yxy 70.0674, 0.3870, 0.5296 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(192, 234, 7) }
```

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

```
.border{ border-color:rgb(192, 234, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 234, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 234, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 234, 7);  
box-shadow:4px 4px 4px 4px rgb(192, 234,  
7) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0674, 0.3870, 0.5296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 234, 7) }
```

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

```
.background{ background-color: rgb(192,  
234, 7) }
```

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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