

Converting Colors

$Y_{xy}(73.3269, 0.3673, 0.4865)$

Have a look what the booklet for
Yxy(73.3269, 0.3673, 0.4865)
contains.

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Color

Yxy(73.2649, 0.3675, 0.4862)

Conversions

Conversions Part 1

Format	Color
Hex	C5ED5F
RGB	197, 237, 95
RGB Percent	77%, 93%, 37%
CMY	0.2274, 0.0706, 0.6275
CMYK	0.17, 0.00, 0.60, 0.07
HSL	77°, 80%, 65%
HSV	77°, 60%, 93%
XYZ	55.3781, 73.2649, 22.0458
YIQ	208.8520, 21.7420, -52.6420

Conversions

Conversions Part 2

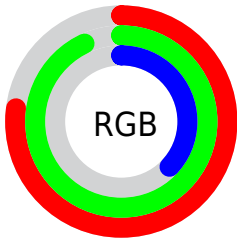
Format	Color
RYB	95, 237, 135
Decimal	12971359
CIELab	88.57, -33.14, 62.86
CIELCh	89, 71.060, 117.799
Yxy	73.2649, 0.3675, 0.4862
Android (android.graphics.Color)	4291161439 (0xFFC5ED5F)
YUV	208.8520, -56.1290, -10.3942
Hunter-Lab	85.5949, -34.3053, 44.6457

Details

The Yxy color **73.2649, 0.3675, 0.4862** 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 **19.4461, 0.2239, 0.1483**, and the grayscale version is **64.0240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9820, 0.3745, 0.4311**, and **38.7568, 0.3729, 0.5223** is the 20% darker color. If you saturate the color by 10%, you get **72.0196, 0.3717, 0.5075**, and if you desaturate by 10%, it is **74.6877, 0.3610, 0.4616**.

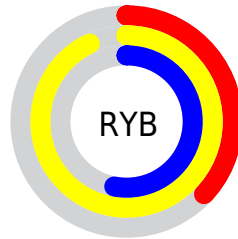
Distribution



Red (77%)

Green (93%)

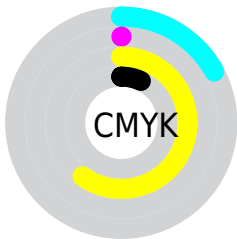
Blue (37%)



Red (37%)

Yellow (93%)

Blue (53%)

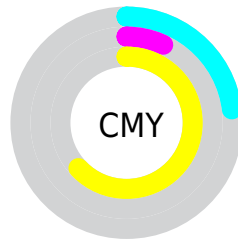


Cyan (17%)

Magenta (0%)

Yellow (60%)

Black (7%)



Cyan (23%)


Magenta (7%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2649, 0.3675, 0.4862 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 73.2649, 0.3675, 0.4862 by changing the saturation by 10% instead.


 73.2649, 0.3675,
0.4862


 73.2649, 0.3675,
0.4862

471.9324, 0.3471,
0.4121

 54.1926, 0.3704,
0.5026


 123.8532, 0.3617,
0.4607


 38.7557, 0.3730,
0.5223


 156.1380, 0.3591,
0.4507

 26.5697, 0.3745,
0.5461


 193.5957, 0.3566,
0.4421

 17.2503, 0.3735,
0.5748

 236.6108, 0.3544,
0.4345

 10.4131, 0.3704,
0.6146

285.5676, 0.3523,
0.4279

 5.6737, 0.3501,
0.6499


340.8505, 0.3504,

 2.6477, 0.3089,


0.4220


0.6911


402.8440, 0.3487,
0.4168

 0.9507, 0.0892,
0.9108


 0.0000, 0.0000,
0.0000

 73.2649, 0.3675,
0.4862


 73.2649, 0.3675,
0.4862


 72.0196, 0.3717,
0.5075


 74.6877, 0.3610,
0.4616


 70.9292, 0.3735,
0.5246

 76.2893, 0.3528,
0.4350

 69.9818, 0.3726,
0.5368

 78.0834, 0.3434,
0.4075

 69.1521, 0.3697,
0.5447


 80.0791, 0.3333,
0.3802


 69.1458, 0.3696,
0.5447

 82.2852, 0.3229,
0.3538

 84.7095, 0.3126,
0.3288

 86.9745, 0.3062,
0.3113

 88.1882, 0.3105,
0.3115

 89.0498, 0.3135,
0.3117

Harmonies

Analogous

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



73.2649, 0.4379, 0.4524



73.2649, 0.3675, 0.4862



73.2649, 0.2870, 0.4640

Triad

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



73.2649, 0.3675, 0.4862



73.2649, 0.1694, 0.2319



73.2649, 0.4080, 0.2768

Complementary

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



73.2649, 0.3675, 0.4862



19.4461, 0.2239, 0.1483

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.



73.2649, 0.3209, 0.2319



73.2649, 0.3675, 0.4862



73.2649, 0.1912, 0.2048

Square

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



73.2649, 0.3675, 0.4862



73.2649, 0.1775, 0.2931



73.2649, 0.2426, 0.2063



73.2649, 0.4690, 0.3335

Rectangle

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



73.2649, 0.3675, 0.4862



73.2649, 0.2383, 0.4142



73.2649, 0.2426, 0.2063



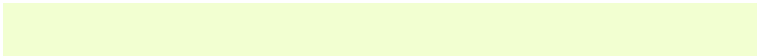
73.2649, 0.3800, 0.2601

Sweetspot

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



73.2682, 0.3675, 0.4862



95.0190, 0.3314, 0.3752



35.5676, 0.4714, 0.3696



20.1824, 0.3344, 0.3831



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.



73.2682, 0.3675, 0.4862



84.7191, 0.3724, 0.5120



65.9948, 0.3208, 0.5130



17.4015, 0.3225, 0.3526



37.8195, 0.3704, 0.5441



3.0177, 0.3774, 0.5385

Inverse Universe

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



19.4461, 0.2239, 0.1483



15.9957, 0.2026, 0.1137



27.1156, 0.2866, 0.1756



14.7542, 0.3024, 0.3049



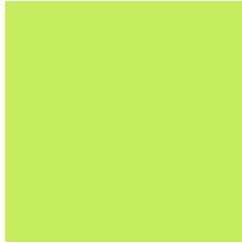
4.0415, 0.1681, 0.0700



0.3644, 0.1825, 0.0779

Previews

White Background



This preview shows how the Yxy color 73.2649, 0.3675, 0.4862 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 73.2649, 0.3675, 0.4862 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 73.2649, 0.3675, 0.4862

Background



This preview shows how black text looks on a background with the Yxy color 73.2649, 0.3675, 0.4862.

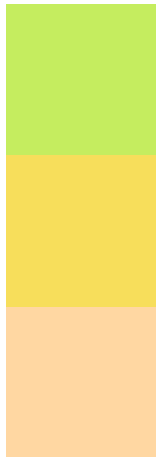


This preview shows how white text looks on a background with the Yxy color 73.2649, 0.3675, 0.4862.

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

73.2649, 0.3675, 0.4862

Protanopia

72.7720, 0.4159, 0.4560

Deuteranopia

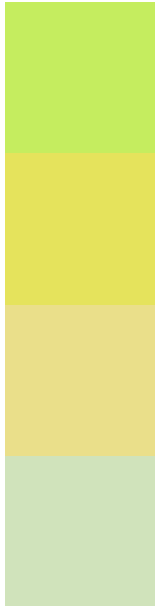
72.4695, 0.3815, 0.3836



Tritanopia

72.8300, 0.2958, 0.3096

Trichromacy



Original Color

73.2649, 0.3675, 0.4862

Protanomaly

72.3689, 0.3983, 0.4671

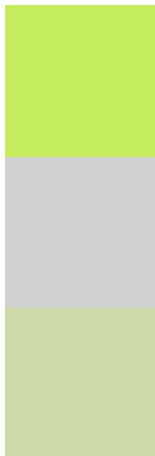
Deuteranomaly

72.1028, 0.3784, 0.4203

Tritanomaly

71.9359, 0.3253, 0.3747

Monochromacy



Original Color

73.2649, 0.3675, 0.4862

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

66.4693, 0.3369, 0.3890

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2649, 0.3675, 0.4862 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(197, 237, 95)` looks like.

```
.text, #text, p{  
    color:rgb(197, 237, 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(197, 237, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 237, 95) }
```

Border

The CSS property to change the border of an element to Yxy 73.2649, 0.3675, 0.4862 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(197, 237, 95) }
```

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

```
.border{ border-color:rgb(197, 237, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 237, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 237, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 237, 95);  
box-shadow:4px 4px 4px 4px rgb(197, 237,  
95) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.2649, 0.3675, 0.4862$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 237, 95) }
```

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

```
.background{ background-color: rgb(197,  
237, 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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