

Converting Colors

$Yxy(72.8372, 0.3679, 0.4885)$

Have a look what the booklet for
Yxy(72.8372, 0.3679, 0.4885)
contains.

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Color

Yxy(73.0944, 0.3676, 0.4883)

Conversions

Conversions Part 1

Format	Color
Hex	C4ED5D
RGB	196, 237, 93
RGB Percent	77%, 93%, 36%
CMY	0.2314, 0.0706, 0.6352
CMYK	0.17, 0.00, 0.61, 0.07
HSL	77°, 80%, 65%
HSV	77°, 61%, 93%
XYZ	55.0266, 73.0944, 21.5706
YIQ	208.3250, 21.7880, -53.4760

Conversions

Conversions Part 2

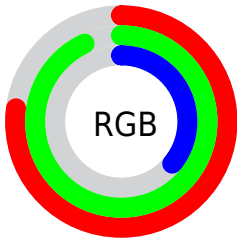
Format	Color
RYB	93, 237, 134
Decimal	12905821
CIELab	88.49, -33.68, 63.57
CIELCh	88, 71.938, 117.913
Yxy	73.0944, 0.3676, 0.4883
Android (android.graphics.Color)	4291095901 (0xFFC4ED5D)
YUV	208.3250, -56.8552, -10.8090
Hunter-Lab	85.4953, -34.7302, 44.8877

Details

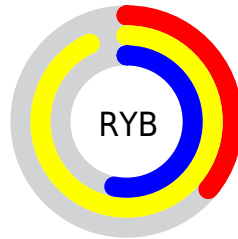
The Yxy color **73.0944, 0.3676, 0.4883** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **19.0197, 0.2228, 0.1459**, and the grayscale version is **63.6683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9181, 0.3756, 0.4329**, and **38.6522, 0.3729, 0.5249** is the 20% darker color. If you saturate the color by 10%, you get **71.8557, 0.3716, 0.5094**, and if you desaturate by 10%, it is **74.5105, 0.3614, 0.4639**.

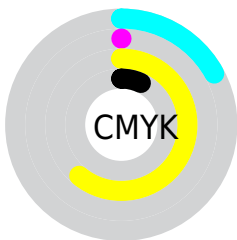
Distribution



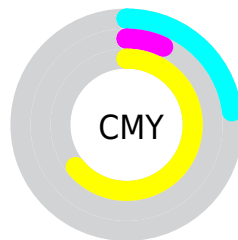
- Red (77%)
- Green (93%)
- Blue (36%)



- Red (36%)
- Yellow (93%)
- Blue (53%)



- Cyan (17%)
- Magenta (0%)
- Yellow (61%)
- Black (7%)





- Cyan (23%)
- Magenta (7%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.0944, 0.3676, 0.4883 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 73.0944, 0.3676, 0.4883 by changing the saturation by 10% instead.


 73.0944, 0.3676,
0.4883


 73.0944, 0.3676,
0.4883


471.3419, 0.3473,
0.4132


 54.0532, 0.3704,
0.5049


 123.6112, 0.3619,
0.4625

 38.6442, 0.3729,
0.5248

 155.8556, 0.3593,
0.4524

 26.4830, 0.3741,
0.5489


 193.2698, 0.3568,
0.4436

 17.1853, 0.3728,
0.5778

 236.2382, 0.3546,
0.4359

 10.3667, 0.3696,
0.6187

285.1452, 0.3525,
0.4292

 5.6428, 0.3475,
0.6525

340.3752, 0.3506,

 2.6291, 0.3055,

0.4233

0.6945

402.3127, 0.3489,
0.4180

0.9413, 0.0706,
0.9294

0.0000, 0.0000,
0.0000

73.0944, 0.3676,
0.4883

73.0944, 0.3676,
0.4883

71.8557, 0.3716,
0.5094

74.5105, 0.3614,
0.4639

70.7716, 0.3731,
0.5261

76.1055, 0.3533,
0.4373

69.8299, 0.3720,
0.5380


77.8929, 0.3441,
0.4098


69.0622, 0.3691,
0.5451


79.8823, 0.3340,
0.3824

 82.0822, 0.3237,
0.3559

 84.5007, 0.3135,
0.3308

 86.8895, 0.3059,
0.3113

 88.1142, 0.3103,
0.3115

 89.0505, 0.3135,
0.3117

Harmonies

Analogous

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



73.0944, 0.4389, 0.4538



73.0944, 0.3676, 0.4883



73.0944, 0.2862, 0.4658

Triad

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



73.0944, 0.3676, 0.4883



73.0944, 0.1679, 0.2305



73.0944, 0.4095, 0.2763

Complementary

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



73.0944, 0.3676, 0.4883



19.0197, 0.2228, 0.1459

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.



73.0944, 0.3212, 0.2309



73.0944, 0.3676, 0.4883



73.0944, 0.1900, 0.2034

Square

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



73.0944, 0.3676, 0.4883



73.0944, 0.1759, 0.2922



73.0944, 0.2420, 0.2051



73.0944, 0.4712, 0.3336

Rectangle

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



73.0944, 0.3676, 0.4883



73.0944, 0.2371, 0.4151



73.0944, 0.2420, 0.2051



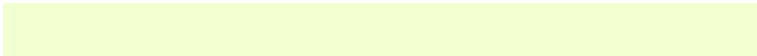
73.0944, 0.3811, 0.2594

Sweetspot

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



73.0977, 0.3676, 0.4883



94.9930, 0.3313, 0.3752



35.7974, 0.4726, 0.3726



20.1760, 0.3343, 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.



73.0977, 0.3676, 0.4883



84.5028, 0.3722, 0.5141



65.6633, 0.3193, 0.5164



17.3990, 0.3224, 0.3526



37.7738, 0.3699, 0.5445



3.0144, 0.3770, 0.5389

Inverse Universe

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



19.0197, 0.2228, 0.1459



15.5853, 0.2014, 0.1114



27.0434, 0.2884, 0.1749



14.7566, 0.3024, 0.3050



4.0567, 0.1685, 0.0702



0.3658, 0.1829, 0.0781

Previews

White Background



This preview shows how the Yxy color 73.0944, 0.3676, 0.4883 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 73.0944, 0.3676, 0.4883 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 73.0944, 0.3676, 0.4883

Background



This preview shows how black text looks on a background with the Yxy color 73.0944, 0.3676, 0.4883.



This preview shows how white text looks on a background with the Yxy color 73.0944, 0.3676, 0.4883.

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

73.0944, 0.3676, 0.4883

Protanopia

72.7380, 0.4168, 0.4574

Deuteranopia

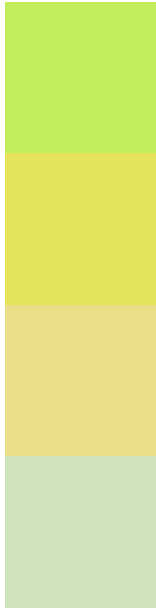
72.4341, 0.3822, 0.3846



Tritanopia

72.6800, 0.2951, 0.3096

Trichromacy



Original Color

73.0944, 0.3676, 0.4883

Protanomaly

72.1703, 0.3985, 0.4691

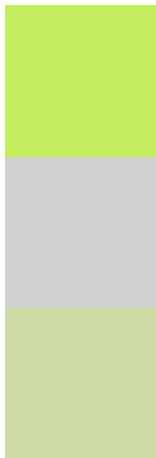
Deuteranomaly

72.0454, 0.3796, 0.4223

Tritanomaly

71.7914, 0.3246, 0.3748

Monochromacy



Original Color

73.0944, 0.3676, 0.4883

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

66.2536, 0.3375, 0.3915

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0944, 0.3676, 0.4883 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(196, 237, 93)` looks like.

```
.text, #text, p{  
    color:rgb(196, 237, 93)  
}
```

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(196, 237, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 237, 93) }
```

Border

The CSS property to change the border of an element to Yxy 73.0944, 0.3676, 0.4883 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(196, 237, 93) }
```

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

```
.border{ border-color:rgb(196, 237, 93) }
```

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

Here you see how a box with a 4 pixel rgb(196, 237, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 237, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 237, 93);  
box-shadow:4px 4px 4px 4px rgb(196, 237,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0944, 0.3676, 0.4883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 237, 93) }
```

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

```
.background{ background-color: rgb(196,  
237, 93) }
```

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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