

Converting Colors

Yxy(54.8031, 0.3778, 0.4865)

Have a look what the booklet for
Yxy(54.8031, 0.3778, 0.4865)
contains.

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Color

Yxy(54.9852, 0.3777, 0.4863)

Conversions

Conversions Part 1

Format	Color
Hex	B5CF4D
RGB	181, 207, 77
RGB Percent	71%, 81%, 30%
CMY	0.2902, 0.1882, 0.6982
CMYK	0.13, 0.00, 0.63, 0.19
HSL	72°, 58%, 56%
HSV	72°, 63%, 81%
XYZ	42.7060, 54.9852, 15.3773
YIQ	184.4060, 26.2340, -45.9420

Conversions

Conversions Part 2

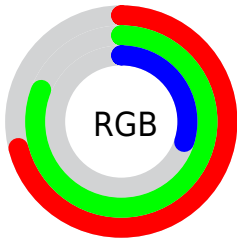
Format	Color
RYB	77, 207, 103
Decimal	11915085
CIELab	79.03, -26.66, 59.70
CIElCh	79, 65.381, 114.068
Yxy	54.9852, 0.3777, 0.4863
Android (android.graphics.Color)	4290105165 (0xFFB5CF4D)
YUV	184.4060, -52.9512, -2.9871
Hunter-Lab	74.1520, -26.9635, 39.6111

Details

The Yxy color **54.9852, 0.3777, 0.4863** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **12.6918, 0.2105, 0.1370**, and the grayscale version is **48.4558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5094, 0.3733, 0.4527**, and **27.1741, 0.3854, 0.5255** is the 20% darker color. If you saturate the color by 10%, you get **54.2472, 0.3828, 0.5048**, and if you desaturate by 10%, it is **55.8361, 0.3703, 0.4642**.

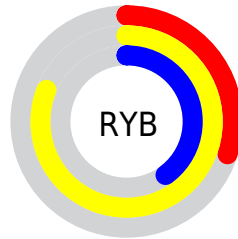
Distribution



Red (71%)

Green (81%)

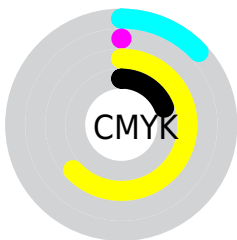
Blue (30%)



Red (30%)

Yellow (81%)

Blue (40%)

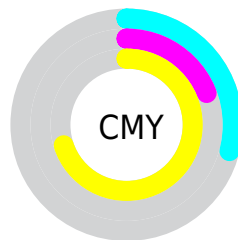


Cyan (13%)

Magenta (0%)

Yellow (63%)

Black (19%)



Cyan (29%)


Magenta (19%)

Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9852, 0.3777, 0.4863 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 54.9852, 0.3777, 0.4863 by changing the saturation by 10% instead.


 54.9852, 0.3777,
0.4863

 54.9852, 0.3777,
0.4863

405.8558, 0.3513,
0.4093

 39.3899, 0.3818,
0.5039


 97.5193, 0.3699,
0.4593


 27.0632, 0.3856,
0.5251


 125.2268, 0.3664,
0.4489

 17.6207, 0.3879,
0.5508


 157.7405, 0.3632,
0.4399

 10.6780, 0.3877,
0.5833

 195.4448, 0.3603,
0.4321

 5.8507, 0.3789,
0.6211

 238.7241, 0.3578,
0.4253

 2.7545, 0.3467,
0.6533

287.9628, 0.3554,

 1.0050, 0.2296,

0.4193

0.7704

343.5452, 0.3533,
0.4140

0.0000, 0.0000,
0.0000

54.9852, 0.3777,
0.4863

54.9852, 0.3777,
0.4863

54.2472, 0.3828,
0.5048

55.8361, 0.3703,
0.4642

53.6053, 0.3853,
0.5190

56.8004, 0.3611,
0.4396

53.0508, 0.3853,
0.5286

57.8880, 0.3505,
0.4135

52.6925, 0.3841,
0.5332

59.1055, 0.3392,
0.3869

60.4590, 0.3275,
0.3608

■ 61.9540, 0.3159,
0.3358

■ 63.5960, 0.3047,
0.3122

■ 65.3900, 0.2940,
0.2904

■ 66.7961, 0.2890,
0.2783

Harmonies

Analogous

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



54.9852, 0.4462, 0.4470



54.9852, 0.3777, 0.4863



54.9852, 0.2965, 0.4725

Triad

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



54.9852, 0.3777, 0.4863



54.9852, 0.1673, 0.2364



54.9852, 0.3988, 0.2697

Complementary

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



54.9852, 0.3777, 0.4863



12.6918, 0.2105, 0.1370

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.



54.9852, 0.3100, 0.2265



54.9852, 0.3777, 0.4863



54.9852, 0.1856, 0.2052

Square

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



54.9852, 0.3777, 0.4863



54.9852, 0.1793, 0.3027



54.9852, 0.2337, 0.2035



54.9852, 0.4659, 0.3259

Rectangle

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



54.9852, 0.3777, 0.4863



54.9852, 0.2458, 0.4264



54.9852, 0.2337, 0.2035



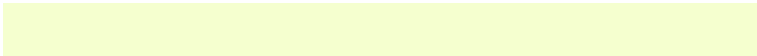
54.9852, 0.3697, 0.2534

Sweetspot

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



54.9877, 0.3777, 0.4863



95.4706, 0.3350, 0.3775



23.4981, 0.4889, 0.3599



20.3042, 0.3384, 0.3851



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.



54.9877, 0.3777, 0.4863



86.5986, 0.3838, 0.5097



48.8768, 0.3263, 0.5169



13.6732, 0.3236, 0.3522



33.2362, 0.3846, 0.5328



1.8895, 0.3913, 0.5275

Inverse Universe

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



12.6918, 0.2105, 0.1370



13.6843, 0.1879, 0.1014



18.1335, 0.2754, 0.1661



11.5299, 0.3013, 0.3052



3.1729, 0.1603, 0.0657



0.2114, 0.1779, 0.0754

Previews

White Background



This preview shows how the Yxy color 54.9852, 0.3777, 0.4863 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 54.9852, 0.3777, 0.4863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

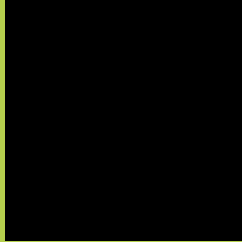
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.9852, 0.3777, 0.4863

Background



This preview shows how black text looks on a background with the Yxy color 54.9852, 0.3777, 0.4863.



This preview shows how white text looks on a background with the Yxy color 54.9852, 0.3777, 0.4863.

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

54.9852, 0.3777, 0.4863

Protanopia

54.8797, 0.4185, 0.4604

Deuteranopia

54.6352, 0.4413, 0.4322



Tritanopia

54.7891, 0.3026, 0.3110

Trichromacy



Original Color

54.9852, 0.3777, 0.4863

Protanomaly

54.7957, 0.4038, 0.4698

Deuteranomaly

54.3933, 0.4180, 0.4521

Tritanomaly

54.3672, 0.3337, 0.3772

Monochromacy



Original Color

54.9852, 0.3777, 0.4863

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.8109, 0.3413, 0.3909

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9852, 0.3777, 0.4863 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(181, 207, 77)` looks like.

```
.text, #text, p{  
    color:rgb(181, 207, 77)  
}
```

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(181, 207, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 207, 77) }
```

Border

The CSS property to change the border of an element to Yxy 54.9852, 0.3777, 0.4863 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(181, 207, 77) }
```

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

```
.border{ border-color:rgb(181, 207, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 207, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 207, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 207, 77);  
box-shadow:4px 4px 4px 4px rgb(181, 207,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9852, 0.3777, 0.4863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 207, 77) }
```

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

```
.background{ background-color: rgb(181,  
207, 77) }
```

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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