

Converting Colors

Yxy(51.9466, 0.3677, 0.4650)

Have a look what the booklet for
Yxy(51.9466, 0.3677, 0.4650)
contains.

Yxy(51.9466, 0.3677, 0.4650)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.9466, 0.3677, 0.4650)

Conversions

Conversions Part 1

Format	Color
Hex	B1C95F
RGB	177, 201, 95
RGB Percent	69%, 79%, 37%
CMY	0.3060, 0.2117, 0.6274
CMYK	0.12, 0.00, 0.53, 0.21
HSL	74°, 50%, 58%
HSV	74°, 53%, 79%
XYZ	41.0769, 51.9466, 18.6896
YIQ	181.7400, 19.7220, -38.0540

Conversions

Conversions Part 2

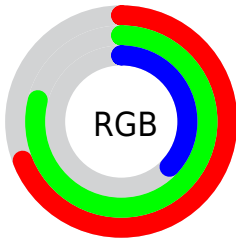
Format	Color
RYB	95, 201, 119
Decimal	11651423
CIELab	77.25, -23.91, 49.62
CIELCh	77, 55.083, 115.724
Yxy	51.9466, 0.3677, 0.4650
Android (android.graphics.Color)	4289841503 (0xFFB1C95F)
YUV	181.7400, -42.7628, -4.1570
Hunter-Lab	72.0740, -24.3975, 35.0772

Details

The Yxy color **51.9466, 0.3677, 0.4650** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **16.3303, 0.2322, 0.1704**, and the grayscale version is **46.8571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1505, 0.3610, 0.4386**, and **25.1794, 0.3762, 0.5013** is the 20% darker color. If you saturate the color by 10%, you get **51.1027, 0.3746, 0.4876**, and if you desaturate by 10%, it is **52.9074, 0.3589, 0.4399**.

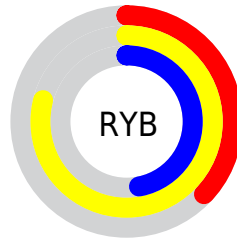
Distribution



Red (69%)

Green (79%)

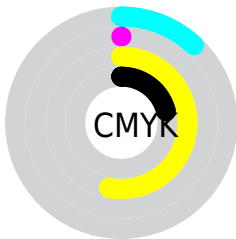
Blue (37%)



Red (37%)

Yellow (79%)

Blue (47%)

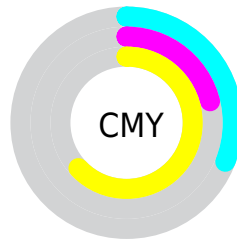


Cyan (12%)

Magenta (0%)

Yellow (53%)

Black (21%)



Cyan (31%)


Magenta (21%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9466, 0.3677, 0.4650 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 51.9466, 0.3677, 0.4650 by changing the saturation by 10% instead.


 51.9466, 0.3677,
0.4650


 51.9466, 0.3677,
0.4650


394.2304, 0.3441,
0.3970


 36.9625, 0.3720,
0.4813


 93.0525, 0.3603,
0.4407


 25.1785, 0.3764,
0.5015


 119.9431, 0.3571,
0.4314

 16.2101, 0.3803,
0.5269


 151.5713, 0.3543,
0.4235

 9.6729, 0.3820,
0.5590

 188.3215, 0.3518,
0.4167

 5.1826, 0.3864,
0.6136

230.5781, 0.3496,
0.4108

 2.3548, 0.3547,
0.6453

278.7256, 0.3476,

 0.8025, 0.1825,

0.4056

0.8175

333.1482, 0.3457,
0.4011

0.0000, 0.0000,
0.0000

51.9466, 0.3677,
0.4650

51.9466, 0.3677,
0.4650

51.1027, 0.3746,
0.4876

52.9074, 0.3589,
0.4399

50.3610, 0.3793,
0.5068

53.9849, 0.3489,
0.4135

49.7153, 0.3814,
0.5216

55.1876, 0.3380,
0.3868

49.1552, 0.3809,
0.5318

56.5213, 0.3269,
0.3606

48.7883, 0.3795,
0.5369

57.9912, 0.3157,
0.3356

■ 59.6023, 0.3049,
0.3121

■ 61.3595, 0.2946,
0.2904

■ 63.2142, 0.2854,
0.2713

■ 63.9079, 0.2886,
0.2718

Harmonies

Analogous

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



51.9466, 0.4278, 0.4366



51.9466, 0.3677, 0.4650



51.9466, 0.2965, 0.4474

Triad

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



51.9466, 0.3677, 0.4650



51.9466, 0.1846, 0.2471



51.9466, 0.3910, 0.2801

Complementary

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



51.9466, 0.3677, 0.4650



16.3303, 0.2322, 0.1704

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.



51.9466, 0.3152, 0.2404



51.9466, 0.3677, 0.4650



51.9466, 0.2025, 0.2197

Square

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



51.9466, 0.3677, 0.4650



51.9466, 0.1945, 0.3039



51.9466, 0.2473, 0.2188



51.9466, 0.4464, 0.3312

Rectangle

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



51.9466, 0.3677, 0.4650



51.9466, 0.2524, 0.4073



51.9466, 0.2473, 0.2188



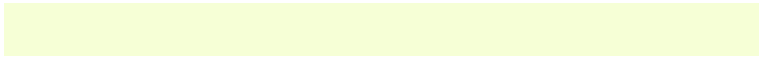
51.9466, 0.3665, 0.2652

Sweetspot

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



51.9489, 0.3677, 0.4650



95.9313, 0.3308, 0.3697



26.1974, 0.4471, 0.3589



20.4308, 0.3331, 0.3751



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.



51.9489, 0.3677, 0.4650



87.3238, 0.3753, 0.4900



46.9700, 0.3252, 0.4861



12.2910, 0.3231, 0.3521



30.7136, 0.3801, 0.5364



1.4849, 0.3887, 0.5296

Inverse Universe

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



16.3303, 0.2322, 0.1704



20.0977, 0.2118, 0.1355



21.0595, 0.2853, 0.1912



10.4016, 0.3017, 0.3054



3.0455, 0.1629, 0.0671



0.1778, 0.1845, 0.0790

Previews

White Background



This preview shows how the Yxy color 51.9466, 0.3677, 0.4650 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 51.9466, 0.3677, 0.4650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

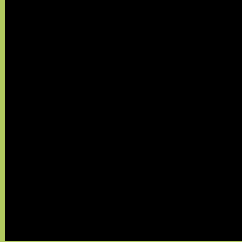
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9466, 0.3677, 0.4650

Background



This preview shows how black text looks on a background with the Yxy color 51.9466, 0.3677, 0.4650.



This preview shows how white text looks on a background with the Yxy color 51.9466, 0.3677, 0.4650.

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

51.9466, 0.3677, 0.4650

Protanopia

51.8832, 0.4055, 0.4436

Deuteranopia

51.2915, 0.4265, 0.4173



Tritanopia

51.7020, 0.3023, 0.3105

Trichromacy



Original Color

51.9466, 0.3677, 0.4650

Protanomaly

51.9626, 0.3916, 0.4518

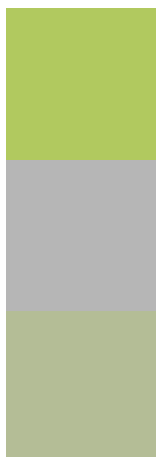
Deuteranomaly

50.9944, 0.4053, 0.4340

Tritanomaly

51.1346, 0.3282, 0.3666

Monochromacy



Original Color

51.9466, 0.3677, 0.4650

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.3005, 0.3355, 0.3810

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9466, 0.3677, 0.4650 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(177, 201, 95)` looks like.

```
.text, #text, p{  
    color:rgb(177, 201, 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(177, 201, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 201, 95) }
```

Border

The CSS property to change the border of an element to Yxy 51.9466, 0.3677, 0.4650 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(177, 201, 95) }
```

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

```
.border{ border-color:rgb(177, 201, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 201, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 201, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 201, 95);  
box-shadow:4px 4px 4px 4px rgb(177, 201,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9466, 0.3677, 0.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 201, 95) }
```

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

```
.background{ background-color: rgb(177,  
201, 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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