

Converting Colors

Yxy(52.9342, 0.3866, 0.4510)

Have a look what the booklet for
Yxy(52.9342, 0.3866, 0.4510)
contains.

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Color

Yxy(52.8013, 0.3871, 0.4501)

Conversions

Conversions Part 1

Format	Color
Hex	C6C561
RGB	198, 197, 97
RGB Percent	78%, 77%, 38%
CMY	0.2235, 0.2274, 0.6197
CMYK	0.00, 0.01, 0.51, 0.22
HSL	59°, 47%, 58%
HSV	59°, 51%, 78%
XYZ	45.4108, 52.8013, 19.0981
YIQ	185.8990, 32.6960, -30.8880

Conversions

Conversions Part 2

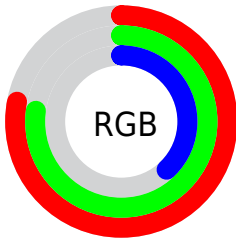
Format	Color
RYB	98, 198, 97
Decimal	13026657
CIELab	77.76, -13.25, 49.70
CIELCh	78, 51.432, 104.926
Yxy	52.8013, 0.3871, 0.4501
Android (android.graphics.Color)	4291216737 (0xFFC6C561)
YUV	185.8990, -43.8272, 10.6126
Hunter-Lab	72.6645, -15.6116, 35.2822

Details

The Yxy color **52.8013, 0.3871, 0.4501** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **15.3434, 0.2160, 0.1701**, and the grayscale version is **49.2789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3456, 0.3748, 0.4303**, and **25.5852, 0.4023, 0.4798** is the 20% darker color. If you saturate the color by 10%, you get **52.3914, 0.3987, 0.4688**, and if you desaturate by 10%, it is **53.3083, 0.3738, 0.4285**.

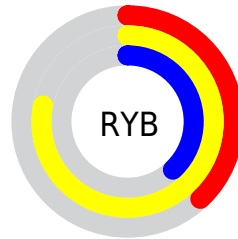
Distribution



Red (78%)

Green (77%)

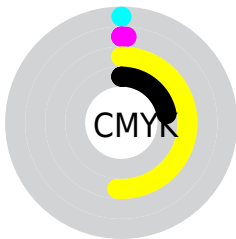
Blue (38%)



Red (38%)

Yellow (78%)

Blue (38%)

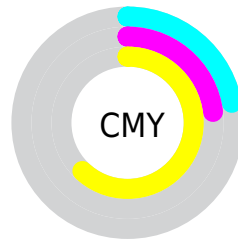


Cyan (0%)

Magenta (1%)

Yellow (51%)

Black (22%)



Cyan (22%)


Magenta (23%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8013, 0.3871, 0.4501 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 52.8013, 0.3871, 0.4501 by changing the saturation by 10% instead.


 52.8013, 0.3871,
0.4501


 52.8013, 0.3871,
0.4501


397.5223, 0.3535,
0.3912

 37.6442, 0.3939,
0.4636


 94.3119, 0.3760,
0.4294

 25.7066, 0.4017,
0.4801


 121.4342, 0.3714,
0.4214

 16.6043, 0.4100,
0.5003


 153.3137, 0.3675,
0.4146

 9.9528, 0.4181,
0.5249

 190.3347, 0.3640,
0.4086

 5.3677, 0.4331,
0.5669

232.8817, 0.3609,
0.4034

 2.4646, 0.4165,
0.5835

281.3390, 0.3582,

 0.8588, 0.3646,

0.3989

0.6354

336.0911, 0.3557,
0.3948

0.0000, 0.0000,
0.0000

52.8013, 0.3871,
0.4501

52.8013, 0.3871,
0.4501

52.3914, 0.3987,
0.4688

53.3083, 0.3738,
0.4285

52.0643, 0.4080,
0.4837

53.9115, 0.3593,
0.4050

51.8146, 0.4148,
0.4945

54.6189, 0.3442,
0.3804

51.6326, 0.4190,
0.5009

55.4358, 0.3290,
0.3556

51.5111, 0.4210,
0.5039

56.3673, 0.3142,
0.3314

■ 57.4178, 0.3001,
0.3083

■ 58.5918, 0.2868,
0.2865

■ 59.8700, 0.2747,
0.2667

■ 59.9591, 0.2747,
0.2670

Harmonies

Analogous

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



52.8013, 0.4349, 0.4149



52.8013, 0.3871, 0.4501



52.8013, 0.3224, 0.4499

Triad

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



52.8013, 0.3871, 0.4501



52.8013, 0.1927, 0.2691



52.8013, 0.3610, 0.2683

Complementary

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



52.8013, 0.3871, 0.4501



15.3434, 0.2160, 0.1701

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.



52.8013, 0.2907, 0.2362



52.8013, 0.3871, 0.4501



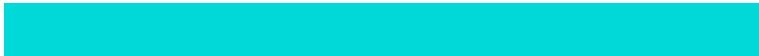
52.8013, 0.2002, 0.2330

Square

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



52.8013, 0.3871, 0.4501



52.8013, 0.2123, 0.3311



52.8013, 0.2337, 0.2232



52.8013, 0.4221, 0.3136

Rectangle

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



52.8013, 0.3871, 0.4501



52.8013, 0.2785, 0.4231



52.8013, 0.2337, 0.2232



52.8013, 0.3372, 0.2558

Sweetspot

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



52.8037, 0.3871, 0.4501



97.5378, 0.3354, 0.3660



21.4424, 0.4547, 0.3273



20.8111, 0.3386, 0.3713



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.



52.8037, 0.3871, 0.4501



92.7207, 0.3996, 0.4703



47.6546, 0.3440, 0.4714



12.3985, 0.3265, 0.3516



33.5078, 0.4210, 0.5039



1.5925, 0.4206, 0.5042

Inverse Universe

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



15.3434, 0.2160, 0.1701



19.2005, 0.1938, 0.1334



18.7123, 0.2611, 0.1859



10.3038, 0.2983, 0.3053



2.6862, 0.1502, 0.0607



0.1331, 0.1509, 0.0633

Previews

White Background



This preview shows how the Yxy color 52.8013, 0.3871, 0.4501 looks on a white background.

Color Contrast Check

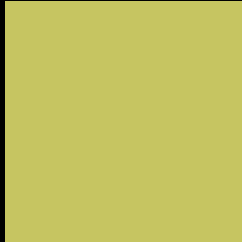
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Xy color 52.8013, 0.3871, 0.4501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

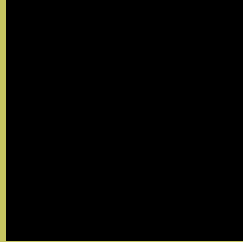
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8013, 0.3871, 0.4501

Background



This preview shows how black text looks on a background with the Yxy color 52.8013, 0.3871, 0.4501.



This preview shows how white text looks on a background with the Yxy color 52.8013, 0.3871, 0.4501.

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

52.8013, 0.3871, 0.4501

Protanopia

52.5225, 0.4039, 0.4413

Deuteranopia

52.6394, 0.4271, 0.4173



Tritanopia

52.8433, 0.3210, 0.3125

Trichromacy



Original Color

52.8013, 0.3871, 0.4501

Protanomaly

52.6935, 0.3975, 0.4444

Deuteranomaly

52.4161, 0.4120, 0.4284

Tritanomaly

52.4504, 0.3467, 0.3623

Monochromacy



Original Color

52.8013, 0.3871, 0.4501

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.1072, 0.3409, 0.3755

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8013, 0.3871, 0.4501 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(198, 197, 97)` looks like.

```
.text, #text, p{  
    color:rgb(198, 197, 97)  
}
```

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(198, 197, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 197, 97) }
```

Border

The CSS property to change the border of an element to Yxy 52.8013, 0.3871, 0.4501 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(198, 197, 97) }
```

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

```
.border{ border-color:rgb(198, 197, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 197, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 197, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 197, 97);  
box-shadow:4px 4px 4px 4px rgb(198, 197,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8013, 0.3871, 0.4501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 197, 97) }
```

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

```
.background{ background-color: rgb(198,  
197, 97) }
```

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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