

Converting Colors

Yxy(52.9726, 0.3834, 0.4292)

Have a look what the booklet for
Yxy(52.9726, 0.3834, 0.4292)
contains.

Yxy(53.0374, 0.3835, 0.4296)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.0374, 0.3835, 0.4296)

Conversions

Conversions Part 1

Format	Color
Hex	CCC370
RGB	204, 195, 112
RGB Percent	80%, 76%, 44%
CMY	0.1999, 0.2353, 0.5607
CMYK	0.00, 0.04, 0.45, 0.20
HSL	54°, 47%, 62%
HSV	54°, 45%, 80%
XYZ	47.3460, 53.0374, 23.0742
YIQ	188.2290, 32.0070, -23.9050

Conversions

Conversions Part 2

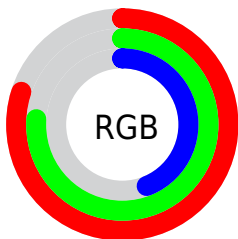
Format	Color
RYB	122, 204, 112
Decimal	13419376
CIELab	77.90, -8.37, 42.65
CIELCh	78, 43.466, 101.107
Yxy	53.0374, 0.3835, 0.4296
Android (android.graphics.Color)	4291609456 (0xFFCCC370)
YUV	188.2290, -37.5809, 13.8312
Hunter-Lab	72.8268, -11.4008, 32.1935

Details

The Yxy color **53.0374, 0.3835, 0.4296** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.4891, 0.2306, 0.2029**, and the grayscale version is **50.6337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9710, 0.3673, 0.4138**, and **25.9897, 0.3984, 0.4550** is the 20% darker color. If you saturate the color by 10%, you get **51.7452, 0.3982, 0.4490**, and if you desaturate by 10%, it is **54.4494, 0.3678, 0.4081**.

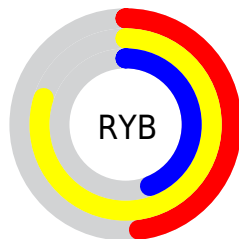
Distribution



Red (80%)

Green (76%)

Blue (44%)



Red (48%)

Yellow (80%)

Blue (44%)

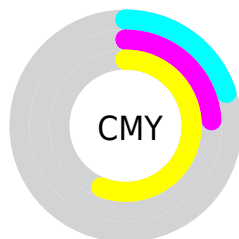


Cyan (0%)

Magenta (4%)

Yellow (45%)

Black (20%)



Cyan (20%)


Magenta (24%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0374, 0.3835, 0.4296 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 53.0374, 0.3835, 0.4296 by changing the saturation by 10% instead.

 53.0374, 0.3835,
0.4296

 53.0374, 0.3835,
0.4296


398.4286, 0.3505,
0.3807


 37.8326, 0.3907,
0.4410


 94.6594, 0.3722,
0.4124


 25.8528, 0.3992,
0.4550

 121.8454, 0.3678,
0.4057

 16.7136, 0.4093,
0.4724


 153.7940, 0.3639,
0.4001

 10.0305, 0.4207,
0.4941

 190.8895, 0.3606,
0.3951

 5.4192, 0.4367,
0.5263

233.5163, 0.3576,
0.3908

 2.4952, 0.4433,
0.5567

282.0588, 0.3550,

 0.8743, 0.4175,

0.3871

0.5825

336.9014, 0.3526,
0.3837

0.0000, 0.0000,
0.0000

53.0374, 0.3835,
0.4296

53.0374, 0.3835,
0.4296

51.7452, 0.3982,
0.4490

54.4494, 0.3678,
0.4081

50.5585, 0.4113,
0.4654

55.9804, 0.3516,
0.3855

49.4717, 0.4221,
0.4779

57.6388, 0.3357,
0.3626

48.4755, 0.4303,
0.4860

59.4299, 0.3203,
0.3401

47.5588, 0.4357,
0.4898

61.3590, 0.3057,
0.3186

■ 47.1279, 0.4378,
0.4906

■ 63.4309, 0.2921,
0.2982

■ 65.6502, 0.2796,
0.2793

■ 66.6491, 0.2797,
0.2814

■ 67.6492, 0.2798,
0.2836

Harmonies

Analogous

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



53.0374, 0.4204, 0.3992



53.0374, 0.3835, 0.4296



53.0374, 0.3295, 0.4318

Triad

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



53.0374, 0.3835, 0.4296



53.0374, 0.2102, 0.2848



53.0374, 0.3463, 0.2726

Complementary

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



53.0374, 0.3835, 0.4296



21.4891, 0.2306, 0.2029

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.



53.0374, 0.2874, 0.2464



53.0374, 0.3835, 0.4296



53.0374, 0.2136, 0.2499

Square

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



53.0374, 0.3835, 0.4296



53.0374, 0.2309, 0.3393



53.0374, 0.2403, 0.2377



53.0374, 0.3996, 0.3113

Rectangle

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



53.0374, 0.3835, 0.4296



53.0374, 0.2915, 0.4125



53.0374, 0.2403, 0.2377



53.0374, 0.3263, 0.2622

Sweetspot

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



53.0398, 0.3835, 0.4296



95.6974, 0.3342, 0.3605



25.8171, 0.4201, 0.3175



20.3498, 0.3377, 0.3655



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.



53.0398, 0.3835, 0.4296



85.7581, 0.3977, 0.4483



52.6042, 0.3478, 0.4517



12.9013, 0.3268, 0.3497



29.7332, 0.4375, 0.4908



1.5897, 0.4335, 0.4940

Inverse Universe

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



21.4891, 0.2306, 0.2029



27.2018, 0.2110, 0.1713



22.3240, 0.2611, 0.2006



11.0180, 0.2982, 0.3074



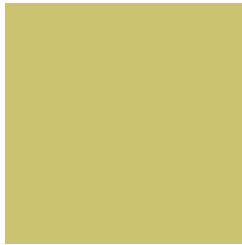
3.1221, 0.1521, 0.0673



0.2230, 0.1582, 0.0894

Previews

White Background



This preview shows how the Yxy color 53.0374, 0.3835, 0.4296 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 53.0374, 0.3835, 0.4296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

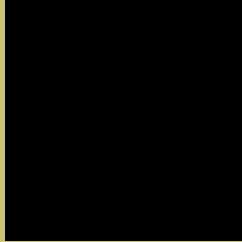
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0374, 0.3835, 0.4296

Background



This preview shows how black text looks on a background with the Yxy color 53.0374, 0.3835, 0.4296.



This preview shows how white text looks on a background with the Yxy color 53.0374, 0.3835, 0.4296.

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

53.0374, 0.3835, 0.4296

Protanopia

53.1365, 0.3915, 0.4262

Deuteranopia

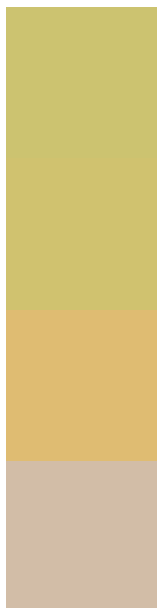
53.0112, 0.4142, 0.4054



Tritanopia

52.9676, 0.3252, 0.3126

Trichromacy



Original Color

53.0374, 0.3835, 0.4296

Protanomaly

53.1412, 0.3883, 0.4283

Deuteranomaly

52.8693, 0.4028, 0.4139

Tritanomaly

52.8869, 0.3481, 0.3557

Monochromacy



Original Color

53.0374, 0.3835, 0.4296

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.2690, 0.3394, 0.3684

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0374, 0.3835, 0.4296 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(204, 195, 112)` looks like.

```
.text, #text, p{  
    color:rgb(204, 195, 112)  
}
```

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(204, 195, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 195, 112) }
```

Border

The CSS property to change the border of an element to Yxy 53.0374, 0.3835, 0.4296 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(204, 195, 112) }
```

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

```
.border{ border-color:rgb(204, 195, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 195, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 195, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 195, 112);  
box-shadow:4px 4px 4px 4px rgb(204, 195,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0374, 0.3835, 0.4296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 195, 112) }
```

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

```
.background{ background-color: rgb(204,  
195, 112) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor