

Converting Colors

Yxy(53.4532, 0.3859, 0.4503)

Have a look what the booklet for
Yxy(53.4532, 0.3859, 0.4503)
contains.

Yxy(53.2758, 0.3859, 0.4500)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.2758, 0.3859, 0.4500)

Conversions

Conversions Part 1

Format	Color
Hex	C6C662
RGB	198, 198, 98
RGB Percent	78%, 78%, 38%
CMY	0.2235, 0.2235, 0.6157
CMYK	0.00, 0.00, 0.51, 0.22
HSL	60°, 47%, 58%
HSV	60°, 51%, 78%
XYZ	45.6870, 53.2758, 19.4279
YIQ	186.6000, 32.1000, -31.1000

Conversions

Conversions Part 2

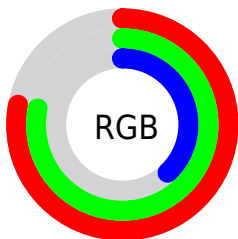
Format	Color
R _Y B	98, 198, 98
Decimal	13026914
CIE Lab	78.04, -13.66, 49.54
CIE LCh	78, 51.389, 105.419
Yxy	53.2758, 0.3859, 0.4500
Android (android.graphics.Color)	4291216994 (0xFFC6C662)
YUV	186.6000, -43.6798, 9.9978
Hunter-Lab	72.9903, -16.0041, 35.3119

Details

The Yxy color **53.2758, 0.3859, 0.4500** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **15.4080, 0.2168, 0.1705**, and the grayscale version is **49.6948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0144, 0.3739, 0.4302**, and **25.8946, 0.4007, 0.4799** is the 20% darker color. If you saturate the color by 10%, you get **52.9492, 0.3973, 0.4689**, and if you desaturate by 10%, it is **53.6998, 0.3727, 0.4282**.

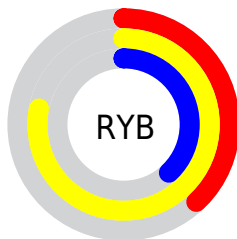
Distribution



Red (78%)

Green (78%)

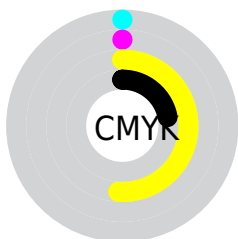
Blue (38%)



Red (38%)

Yellow (78%)

Blue (38%)

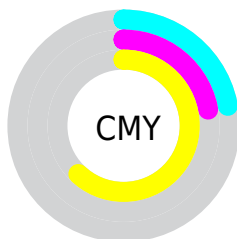


Cyan (0%)

Magenta (0%)

Yellow (51%)

Black (22%)



Cyan (22%)


Magenta (22%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2758, 0.3859, 0.4500 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 53.2758, 0.3859, 0.4500 by changing the saturation by 10% instead.


 53.2758, 0.3859,
0.4500

 53.2758, 0.3859,
0.4500


399.3424, 0.3529,
0.3912


 38.0230, 0.3926,
0.4636


 95.0101, 0.3750,
0.4293

 26.0005, 0.4002,
0.4801

 122.2603, 0.3705,
0.4213

 16.8240, 0.4084,
0.5003


 154.2785, 0.3667,
0.4145

 10.1091, 0.4163,
0.5250

 191.4491, 0.3632,
0.4086

 5.4714, 0.4317,
0.5683

234.1563, 0.3602,
0.4034

 2.5264, 0.4148,
0.5852

282.7847, 0.3575,

 0.8898, 0.3653,

0.3988

0.6347

337.7186, 0.3551,
0.3948

0.0000, 0.0000,
0.0000

53.2758, 0.3859,
0.4500

53.2758, 0.3859,
0.4500

52.9492, 0.3973,
0.4689

53.6998, 0.3727,
0.4282

52.7057, 0.4066,
0.4842

54.2201, 0.3583,
0.4044

52.5398, 0.4132,
0.4952

54.8449, 0.3433,
0.3796

52.4422, 0.4173,
0.5020

55.5793, 0.3282,
0.3546

52.3957, 0.4193,
0.5053

56.4284, 0.3135,
0.3302

■ 57.3967, 0.2994,
0.3069

■ 58.4886, 0.2861,
0.2850

■ 59.6179, 0.2747,
0.2661

■ 59.6181, 0.2747,
0.2661

Harmonies

Analogous

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



53.2758, 0.4339, 0.4154



53.2758, 0.3859, 0.4500



53.2758, 0.3213, 0.4490

Triad

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



53.2758, 0.3859, 0.4500



53.2758, 0.1930, 0.2685



53.2758, 0.3620, 0.2691

Complementary

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



53.2758, 0.3859, 0.4500



15.4080, 0.2168, 0.1705

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.



53.2758, 0.2918, 0.2369



53.2758, 0.3859, 0.4500



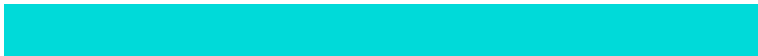
53.2758, 0.2009, 0.2330

Square

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



53.2758, 0.3859, 0.4500



53.2758, 0.2121, 0.3299



53.2758, 0.2347, 0.2236



53.2758, 0.4225, 0.3145

Rectangle

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



53.2758, 0.3859, 0.4500



53.2758, 0.2776, 0.4218



53.2758, 0.2347, 0.2236



53.2758, 0.3383, 0.2566

Sweetspot

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



53.2782, 0.3859, 0.4500



97.7763, 0.3353, 0.3663



21.6221, 0.4550, 0.3294



20.8693, 0.3385, 0.3717



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.



53.2782, 0.3859, 0.4500



93.6876, 0.3988, 0.4713



47.5684, 0.3424, 0.4705



12.4170, 0.3265, 0.3518



34.0720, 0.4193, 0.5053



1.6133, 0.4193, 0.5053

Inverse Universe

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



15.4080, 0.2168, 0.1705



18.9078, 0.1934, 0.1318



19.1072, 0.2635, 0.1881



10.2875, 0.2983, 0.3051



2.6516, 0.1500, 0.0600



0.1256, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 53.2758, 0.3859, 0.4500 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 53.2758, 0.3859, 0.4500 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 53.2758, 0.3859, 0.4500

Background



This preview shows how black text looks on a background with the Yxy color 53.2758, 0.3859, 0.4500.



This preview shows how white text looks on a background with the Yxy color 53.2758, 0.3859, 0.4500.

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

53.2758, 0.3859, 0.4500

Protanopia

53.1306, 0.4035, 0.4409

Deuteranopia

53.0732, 0.4257, 0.4174



Tritanopia

53.3130, 0.3201, 0.3125

Trichromacy



Original Color

53.2758, 0.3859, 0.4500

Protanomaly

53.3032, 0.3971, 0.4439

Deuteranomaly

52.8644, 0.4107, 0.4285

Tritanomaly

52.9211, 0.3457, 0.3622

Monochromacy



Original Color

53.2758, 0.3859, 0.4500

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.7045, 0.3407, 0.3753

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2758, 0.3859, 0.4500 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, 198, 98)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 98)  
}
```

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, 198, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 98) }
```

Border

The CSS property to change the border of an element to Yxy 53.2758, 0.3859, 0.4500 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, 198, 98) }
```

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

```
.border{ border-color:rgb(198, 198, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 98);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2758, 0.3859, 0.4500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 98) }
```

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

```
.background{ background-color: rgb(198,  
198, 98) }
```

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