

Converting Colors

$Yxy(54.1599, 0.3786, 0.4438)$

Have a look what the booklet for
Yxy(54.1599, 0.3786, 0.4438)
contains.

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Color

Yxy(54.2195, 0.3789, 0.4438)

Conversions

Conversions Part 1

Format	Color
Hex	C5C86A
RGB	197, 200, 106
RGB Percent	77%, 78%, 42%
CMY	0.2273, 0.2157, 0.5843
CMYK	0.01, 0.00, 0.47, 0.22
HSL	62°, 46%, 60%
HSV	62°, 47%, 78%
XYZ	46.2906, 54.2195, 21.6609
YIQ	188.3870, 28.3860, -29.8700

Conversions

Conversions Part 2

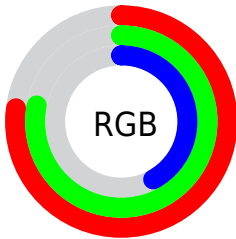
Format	Color
RYB	106, 200, 109
Decimal	12961898
CIELab	78.59, -14.33, 46.33
CIELCh	79, 48.496, 107.181
Yxy	54.2195, 0.3789, 0.4438
Android (android.graphics.Color)	4291151978 (0xFFC5C86A)
YUV	188.3870, -40.6168, 7.5536
Hunter-Lab	73.6339, -16.6437, 34.1024

Details

The Yxy color **54.2195, 0.3789, 0.4438** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.7260, 0.2267, 0.1837**, and the grayscale version is **50.7494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2832, 0.3695, 0.4228**, and **26.4963, 0.3919, 0.4730** is the 20% darker color. If you saturate the color by 10%, you get **53.7688, 0.3905, 0.4644**, and if you desaturate by 10%, it is **54.7726, 0.3658, 0.4207**.

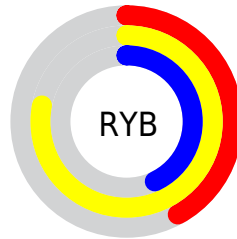
Distribution



Red (77%)

Green (78%)

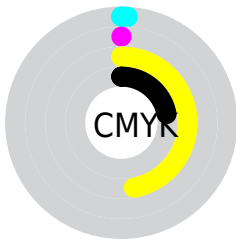
Blue (42%)



Red (42%)

Yellow (78%)

Blue (43%)

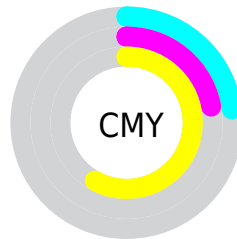


Cyan (1%)

Magenta (0%)

Yellow (47%)

Black (22%)



Cyan (23%)


Magenta (22%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2195, 0.3789, 0.4438 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 54.2195, 0.3789, 0.4438 by changing the saturation by 10% instead.

 54.2195, 0.3789,
0.4438


 54.2195, 0.3789,
0.4438


402.9465, 0.3490,
0.3877


 38.7772, 0.3851,
0.4569


 96.3965, 0.3689,
0.4240


 26.5864, 0.3921,
0.4730


 123.8999, 0.3649,
0.4164

 17.2629, 0.4000,
0.4931


 156.1925, 0.3614,
0.4098

 10.4221, 0.4079,
0.5182

 193.6586, 0.3583,
0.4042

 5.6797, 0.4209,
0.5587

236.6827, 0.3556,
0.3993

 2.6513, 0.4124,
0.5876

285.6491, 0.3531,

 0.9525, 0.3678,

0.3950

0.6322

340.9422, 0.3509,
0.3911

0.0000, 0.0000,
0.0000

54.2195, 0.3789,
0.4438

54.2195, 0.3789,
0.4438

53.7688, 0.3905,
0.4644

54.7726, 0.3658,
0.4207

53.4061, 0.4000,
0.4817

55.4267, 0.3517,
0.3961

53.1262, 0.4070,
0.4949


56.1901, 0.3371,
0.3709


52.9201, 0.4114,
0.5037

57.0679, 0.3226,
0.3460

52.7756, 0.4135,
0.5085


58.0652, 0.3086,
0.3219

 52.7375, 0.4139,
0.5096

 59.1865, 0.2952,
0.2991

 60.4362, 0.2827,
0.2778

 61.0900, 0.2776,
0.2688

 61.1776, 0.2780,
0.2689

Harmonies

Analogous

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



54.2195, 0.4251, 0.4136



54.2195, 0.3789, 0.4438



54.2195, 0.3176, 0.4394

Triad

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



54.2195, 0.3789, 0.4438



54.2195, 0.1992, 0.2698



54.2195, 0.3629, 0.2747

Complementary

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



54.2195, 0.3789, 0.4438



17.7260, 0.2267, 0.1837

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.



54.2195, 0.2970, 0.2431



54.2195, 0.3789, 0.4438



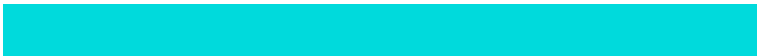
54.2195, 0.2081, 0.2373

Square

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



54.2195, 0.3789, 0.4438



54.2195, 0.2160, 0.3264



54.2195, 0.2418, 0.2294



54.2195, 0.4182, 0.3186

Rectangle

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



54.2195, 0.3789, 0.4438



54.2195, 0.2767, 0.4124



54.2195, 0.2418, 0.2294



54.2195, 0.3409, 0.2625

Sweetspot

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



54.2220, 0.3789, 0.4438



97.6986, 0.3330, 0.3639



23.9531, 0.4391, 0.3314



20.8434, 0.3362, 0.3694



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.



54.2220, 0.3789, 0.4438



93.1151, 0.3903, 0.4641



48.9661, 0.3397, 0.4609



12.3994, 0.3260, 0.3519



33.5431, 0.4139, 0.5095



1.5937, 0.4151, 0.5086

Inverse Universe

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



17.7260, 0.2267, 0.1837



22.6121, 0.2062, 0.1496



21.4035, 0.2695, 0.1988



10.3031, 0.2987, 0.3051



2.6845, 0.1511, 0.0606



0.1328, 0.1551, 0.0628

Previews

White Background



This preview shows how the Yxy color 54.2195, 0.3789, 0.4438 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 54.2195, 0.3789, 0.4438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

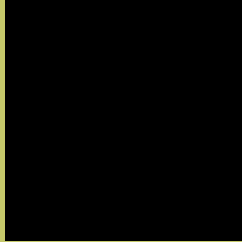
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2195, 0.3789, 0.4438

Background



This preview shows how black text looks on a background with the Yxy color 54.2195, 0.3789, 0.4438.



This preview shows how white text looks on a background with the Yxy color 54.2195, 0.3789, 0.4438.

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

54.2195, 0.3789, 0.4438

Protanopia

53.8792, 0.3984, 0.4335

Deuteranopia

53.8282, 0.4200, 0.4104



Tritanopia

54.1647, 0.3168, 0.3114

Trichromacy



Original Color

54.2195, 0.3789, 0.4438

Protanomaly

53.9097, 0.3913, 0.4367

Deuteranomaly

53.4606, 0.4044, 0.4215

Tritanomaly

53.8045, 0.3412, 0.3597

Monochromacy



Original Color

54.2195, 0.3789, 0.4438

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.2443, 0.3381, 0.3726

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2195, 0.3789, 0.4438 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(197, 200, 106)` looks like.

```
.text, #text, p{  
    color:rgb(197, 200, 106)  
}
```

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(197, 200, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 200, 106) }
```

Border

The CSS property to change the border of an element to Yxy 54.2195, 0.3789, 0.4438 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(197, 200, 106) }
```

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

```
.border{ border-color:rgb(197, 200, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 200, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 200, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 200, 106);  
box-shadow:4px 4px 4px 4px rgb(197, 200,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2195, 0.3789, 0.4438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 200, 106) }
```

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

```
.background{ background-color: rgb(197,  
200, 106) }
```

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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