

Converting Colors

$Y_{xy}(53.8275, 0.3775, 0.4434)$

Have a look what the booklet for
Yxy(53.8275, 0.3775, 0.4434)
contains.

Yxy(54.0849, 0.3780, 0.4442)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.0849, 0.3780, 0.4442)

Conversions

Conversions Part 1

Format	Color
Hex	C4C86A
RGB	196, 200, 106
RGB Percent	77%, 78%, 42%
CMY	0.2313, 0.2157, 0.5843
CMYK	0.02, 0.00, 0.47, 0.22
HSL	63°, 46%, 60%
HSV	63°, 47%, 78%
XYZ	46.0245, 54.0849, 21.6486
YIQ	188.0880, 27.7900, -30.0820

Conversions

Conversions Part 2

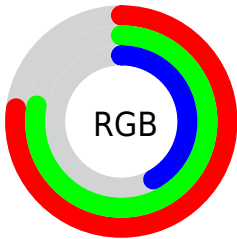
Format	Color
RYB	106, 200, 110
Decimal	12896362
CIELab	78.51, -14.74, 46.22
CIELCh	79, 48.514, 107.691
Yxy	54.0849, 0.3780, 0.4442
Android (android.graphics.Color)	4291086442 (0xFFC4C86A)
YUV	188.0880, -40.4694, 6.9388
Hunter-Lab	73.5424, -16.9899, 34.0266

Details

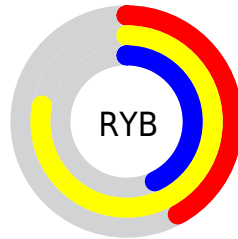
The Yxy color **54.0849, 0.3780, 0.4442** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.7918, 0.2275, 0.1840**, and the grayscale version is **50.5673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0940, 0.3688, 0.4231**, and **26.4091, 0.3907, 0.4736** is the 20% darker color. If you saturate the color by 10%, you get **53.6054, 0.3894, 0.4650**, and if you desaturate by 10%, it is **54.6670, 0.3651, 0.4209**.

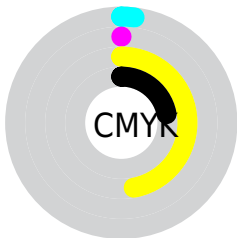
Distribution



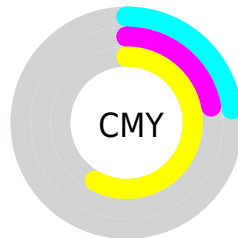
- Red (77%)
- Green (78%)
- Blue (42%)



- Red (42%)
- Yellow (78%)
- Blue (43%)



- Cyan (2%)
- Magenta (0%)
- Yellow (47%)
- Black (22%)





- Cyan (23%)
- Magenta (22%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0849, 0.3780, 0.4442 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 54.0849, 0.3780, 0.4442 by changing the saturation by 10% instead.

 54.0849, 0.3780,
0.4442

 54.0849, 0.3780,
0.4442


402.4337, 0.3485,
0.3878


 38.6695, 0.3841,
0.4574

 96.1989, 0.3682,
0.4243

 26.5027, 0.3910,
0.4737


 123.6663, 0.3642,
0.4166

 17.2001, 0.3987,
0.4939


 155.9199, 0.3608,
0.4100

 10.3773, 0.4064,
0.5194

 193.3440, 0.3577,
0.4044

 5.6498, 0.4191,
0.5605

236.3230, 0.3550,
0.3994

 2.6333, 0.4100,
0.5900

285.2414, 0.3526,

 0.9435, 0.3622,

0.3951

0.6378

340.4835, 0.3504,
0.3913

■ 0.0000, 0.0000,
0.0000

■ 54.0849, 0.3780,
0.4442

■ 54.0849, 0.3780,
0.4442

■ 53.6054, 0.3894,
0.4650

■ 54.6670, 0.3651,
0.4209

■ 53.2143, 0.3987,
0.4825

■ 55.3505, 0.3512,
0.3962

■ 52.9062, 0.4055,
0.4959

■ 56.1435, 0.3368,
0.3710

■ 52.6722, 0.4098,
0.5050

■ 57.0513, 0.3225,
0.3460

■ 52.5001, 0.4116,
0.5100

■ 58.0788, 0.3086,
0.3219

■ 52.4539, 0.4119,
0.5111

■ 59.2307, 0.2954,
0.2991

■ 60.5113, 0.2830,
0.2779

■ 61.1959, 0.2781,
0.2689

■ 61.3149, 0.2786,
0.2690

Harmonies

Analogous

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



54.0849, 0.4247, 0.4144



54.0849, 0.3780, 0.4442



54.0849, 0.3165, 0.4391

Triad

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



54.0849, 0.3780, 0.4442



54.0849, 0.1990, 0.2690



54.0849, 0.3641, 0.2753

Complementary

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



54.0849, 0.3780, 0.4442



17.7918, 0.2275, 0.1840

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.



54.0849, 0.2981, 0.2434



54.0849, 0.3780, 0.4442



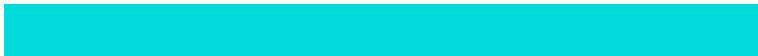
54.0849, 0.2084, 0.2369

Square

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



54.0849, 0.3780, 0.4442



54.0849, 0.2154, 0.3253



54.0849, 0.2425, 0.2293



54.0849, 0.4190, 0.3194

Rectangle

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



54.0849, 0.3780, 0.4442



54.0849, 0.2756, 0.4116



54.0849, 0.2425, 0.2293



54.0849, 0.3421, 0.2630

Sweetspot

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



54.0874, 0.3780, 0.4442



97.6248, 0.3328, 0.3639



24.2856, 0.4381, 0.3335



20.8252, 0.3359, 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.



54.0874, 0.3780, 0.4442



92.8257, 0.3892, 0.4646



48.8203, 0.3385, 0.4614



12.3933, 0.3259, 0.3519



33.3625, 0.4120, 0.5110



1.5870, 0.4136, 0.5098

Inverse Universe

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



17.7918, 0.2275, 0.1840



22.7213, 0.2072, 0.1500



21.5593, 0.2711, 0.1994



10.3085, 0.2989, 0.3052



2.6961, 0.1515, 0.0608



0.1353, 0.1568, 0.0638

Previews

White Background



This preview shows how the Yxy color 54.0849, 0.3780, 0.4442 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 54.0849, 0.3780, 0.4442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

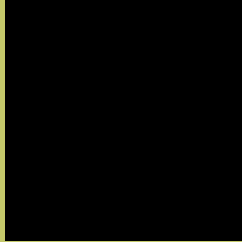
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0849, 0.3780, 0.4442

Background



This preview shows how black text looks on a background with the Yxy color 54.0849, 0.3780, 0.4442.



This preview shows how white text looks on a background with the Yxy color 54.0849, 0.3780, 0.4442.

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

54.0849, 0.3780, 0.4442

Protanopia

53.8792, 0.3984, 0.4335

Deuteranopia

53.8282, 0.4200, 0.4104



Tritanopia

54.0202, 0.3160, 0.3113

Trichromacy



Original Color

54.0849, 0.3780, 0.4442

Protanomaly

53.7652, 0.3904, 0.4371

Deuteranomaly

53.4606, 0.4044, 0.4215

Tritanomaly

53.6636, 0.3404, 0.3598

Monochromacy



Original Color

54.0849, 0.3780, 0.4442

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 54.0849, 0.3780, 0.4442 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(196, 200, 106)` looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 200, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 200, 106) }
```

Border

The CSS property to change the border of an element to Yxy 54.0849, 0.3780, 0.4442 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(196, 200, 106) }
```

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

```
.border{ border-color:rgb(196, 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(196, 200, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 200, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 200, 106);  
box-shadow:4px 4px 4px 4px rgb(196, 200,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0849, 0.3780, 0.4442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 200, 106) }
```

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

```
.background{ background-color: rgb(196,  
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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