

Converting Colors

$Yxy(53.5625, 0.3770, 0.4378)$

Have a look what the booklet for
Yxy(53.5625, 0.3770, 0.4378)
contains.

Yxy(53.3843, 0.3772, 0.4374)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.3843, 0.3772, 0.4374)

Conversions

Conversions Part 1

Format	Color
Hex	C5C66E
RGB	197, 198, 110
RGB Percent	77%, 78%, 43%
CMY	0.2274, 0.2235, 0.5686
CMYK	0.00, 0.00, 0.44, 0.22
HSL	61°, 44%, 60%
HSV	61°, 44%, 78%
XYZ	46.0369, 53.3843, 22.6279
YIQ	187.6690, 27.6520, -27.5800

Conversions

Conversions Part 2

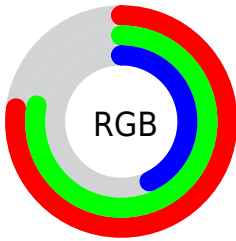
Format	Color
RYB	110, 198, 111
Decimal	12961390
CIELab	78.10, -12.94, 43.78
CIELCh	78, 45.651, 106.468
Yxy	53.3843, 0.3772, 0.4374
Android (android.graphics.Color)	4291151470 (0xFFC5C66E)
YUV	187.6690, -38.2908, 8.1833
Hunter-Lab	73.0646, -15.3927, 32.7832

Details

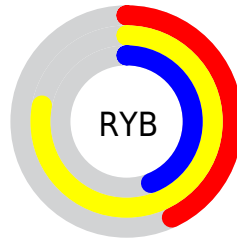
The Yxy color **53.3843, 0.3772, 0.4374** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.6069, 0.2307, 0.1923**, and the grayscale version is **50.3033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4243, 0.3672, 0.4191**, and **25.9250, 0.3907, 0.4657** is the 20% darker color. If you saturate the color by 10%, you get **52.9726, 0.3896, 0.4584**, and if you desaturate by 10%, it is **53.8973, 0.3634, 0.4141**.

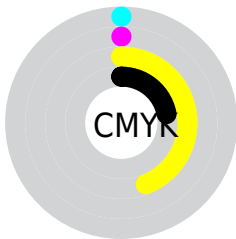
Distribution



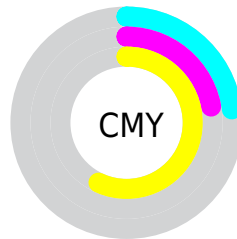
- Red (77%)
- Green (78%)
- Blue (43%)



- Red (43%)
- Yellow (78%)
- Blue (44%)



- Cyan (0%)
- Magenta (0%)
- Yellow (44%)
- Black (22%)




- Cyan (23%)
- Magenta (22%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3843, 0.3772, 0.4374 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 53.3843, 0.3772, 0.4374 by changing the saturation by 10% instead.

 53.3843, 0.3772,
0.4374

 53.3843, 0.3772,
0.4374


399.7578, 0.3477,
0.3843


 38.1096, 0.3834,
0.4499


 95.1696, 0.3673,
0.4186


 26.0678, 0.3907,
0.4654


 122.4491, 0.3633,
0.4113

 16.8744, 0.3990,
0.4848


 154.4989, 0.3598,
0.4052

 10.1450, 0.4079,
0.5093

 191.7035, 0.3568,
0.3998

 5.4952, 0.4207,
0.5468

234.4474, 0.3541,
0.3952

 2.5406, 0.4189,
0.5811

283.1147, 0.3517,

 0.8969, 0.3743,

0.3911

0.6257

338.0901, 0.3496,
0.3875

0.0000, 0.0000,
0.0000

53.3843, 0.3772,
0.4374

53.3843, 0.3772,
0.4374

52.9726, 0.3896,
0.4584

53.8973, 0.3634,
0.4141

52.6483, 0.4000,
0.4762

54.5102, 0.3488,
0.3895

52.4067, 0.4080,
0.4900


55.2308, 0.3339,
0.3644

52.2392, 0.4135,
0.4996


56.0641, 0.3191,
0.3397

52.1357, 0.4164,
0.5050


57.0149, 0.3049,
0.3159

 52.0950, 0.4174,
0.5068

 58.0877, 0.2915,
0.2935

 59.2866, 0.2789,
0.2726

 59.7225, 0.2752,
0.2662

 59.7529, 0.2754,
0.2662

Harmonies

Analogous

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



53.3843, 0.4203, 0.4090



53.3843, 0.3772, 0.4374



53.3843, 0.3192, 0.4335

Triad

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



53.3843, 0.3772, 0.4374



53.3843, 0.2046, 0.2742



53.3843, 0.3589, 0.2765

Complementary

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



53.3843, 0.3772, 0.4374



18.6069, 0.2307, 0.1923

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.



53.3843, 0.2966, 0.2466



53.3843, 0.3772, 0.4374



53.3843, 0.2126, 0.2423

Square

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



53.3843, 0.3772, 0.4374



53.3843, 0.2216, 0.3284



53.3843, 0.2444, 0.2340



53.3843, 0.4115, 0.3184

Rectangle

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



53.3843, 0.3772, 0.4374



53.3843, 0.2801, 0.4086



53.3843, 0.2444, 0.2340



53.3843, 0.3381, 0.2649

Sweetspot

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



53.3867, 0.3772, 0.4374



97.9754, 0.3320, 0.3613



24.2828, 0.4297, 0.3293



20.9047, 0.3353, 0.3669



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.



53.3867, 0.3772, 0.4374



93.8458, 0.3888, 0.4571



48.3845, 0.3399, 0.4526



12.4107, 0.3264, 0.3518



33.8808, 0.4174, 0.5068



1.6063, 0.4178, 0.5064

Inverse Universe

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



18.6069, 0.2307, 0.1923



24.7084, 0.2108, 0.1594



22.0983, 0.2710, 0.2058



10.2931, 0.2984, 0.3051



2.6633, 0.1504, 0.0602



0.1281, 0.1518, 0.0610

Previews

White Background



This preview shows how the Yxy color 53.3843, 0.3772, 0.4374 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 53.3843, 0.3772, 0.4374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

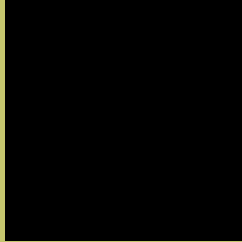
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3843, 0.3772, 0.4374

Background



This preview shows how black text looks on a background with the Yxy color 53.3843, 0.3772, 0.4374.



This preview shows how white text looks on a background with the Yxy color 53.3843, 0.3772, 0.4374.

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

53.3843, 0.3772, 0.4374

Protanopia

53.2197, 0.3945, 0.4291

Deuteranopia

53.1354, 0.4166, 0.4071



Tritanopia

53.0703, 0.3177, 0.3113

Trichromacy



Original Color

53.3843, 0.3772, 0.4374

Protanomaly

53.3997, 0.3882, 0.4319

Deuteranomaly

52.9372, 0.4019, 0.4177

Tritanomaly

52.8227, 0.3400, 0.3561

Monochromacy



Original Color

53.3843, 0.3772, 0.4374

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.3137, 0.3366, 0.3700

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3843, 0.3772, 0.4374 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, 198, 110)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 110)  
}
```

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, 198, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 110) }
```

Border

The CSS property to change the border of an element to Yxy 53.3843, 0.3772, 0.4374 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, 198, 110) }
```

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

```
.border{ border-color:rgb(197, 198, 110) }
```

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

Here you see how a box with a 4 pixel rgb(197, 198, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 110);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3843, 0.3772, 0.4374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 110) }
```

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

```
.background{ background-color: rgb(197,  
198, 110) }
```

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