

Converting Colors

Yxy(51.9832, 0.3800, 0.4366)

Have a look what the booklet for
Yxy(51.9832, 0.3800, 0.4366)
contains.

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Color

Yxy(51.9832, 0.3800, 0.4366)

Conversions

Conversions Part 1

Format	Color
Hex	C5C36C
RGB	197, 195, 108
RGB Percent	77%, 76%, 42%
CMY	0.2275, 0.2353, 0.5765
CMYK	0.00, 0.01, 0.45, 0.23
HSL	59°, 43%, 60%
HSV	59°, 45%, 77%
XYZ	45.2442, 51.9832, 21.8363
YIQ	185.6800, 29.1190, -26.6330

Conversions

Conversions Part 2

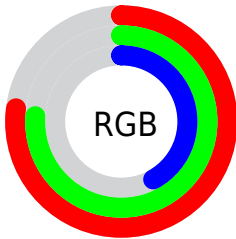
Format	Color
RYB	110, 197, 108
Decimal	12960620
CIELab	77.27, -11.63, 43.74
CIELCh	77, 45.263, 104.886
Yxy	51.9832, 0.3800, 0.4366
Android (android.graphics.Color)	4291150700 (0xFFC5C36C)
YUV	185.6800, -38.2962, 9.9276
Hunter-Lab	72.0994, -14.1606, 32.5128

Details

The Yxy color **51.9832, 0.3800, 0.4366** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.3645, 0.2289, 0.1925**, and the grayscale version is **49.1203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8276, 0.3696, 0.4176**, and **25.3041, 0.3938, 0.4658** is the 20% darker color. If you saturate the color by 10%, you get **51.4172, 0.3929, 0.4569**, and if you desaturate by 10%, it is **52.6493, 0.3657, 0.4139**.

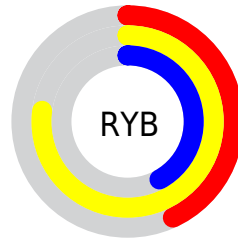
Distribution



Red (77%)

Green (76%)

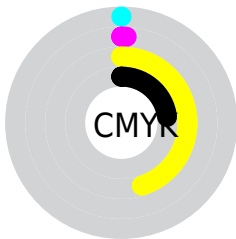
Blue (42%)



Red (43%)

Yellow (77%)

Blue (42%)

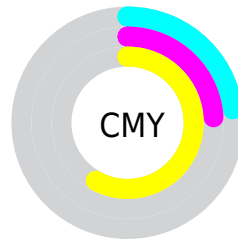


Cyan (0%)

Magenta (1%)

Yellow (45%)

Black (23%)



Cyan (23%)


Magenta (24%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9832, 0.3800, 0.4366 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 51.9832, 0.3800, 0.4366 by changing the saturation by 10% instead.


 51.9832, 0.3800,
0.4366


 51.9832, 0.3800,
0.4366


394.3717, 0.3489,
0.3838

 36.9917, 0.3866,
0.4490


 93.1065, 0.3695,
0.4179

 25.2011, 0.3944,
0.4644


 120.0070, 0.3653,
0.4107

 16.2269, 0.4033,
0.4836


 151.6460, 0.3617,
0.4046

 9.6849, 0.4129,
0.5077

 188.4079, 0.3585,
0.3993

 5.1905, 0.4287,
0.5471

230.6770, 0.3557,
0.3947

 2.3595, 0.4245,
0.5755

278.8377, 0.3532,

 0.8049, 0.3741,

0.3906

0.6259

333.2745, 0.3509,
0.3870

0.0000, 0.0000,
0.0000

51.9832, 0.3800,
0.4366

51.9832, 0.3800,
0.4366

51.4172, 0.3929,
0.4569

52.6493, 0.3657,
0.4139

50.9377, 0.4039,
0.4740

53.4141, 0.3506,
0.3899

50.5398, 0.4126,
0.4872


54.2855, 0.3353,
0.3654

50.2151, 0.4186,
0.4961

55.2685, 0.3203,
0.3412

49.9532, 0.4221,
0.5008


56.3678, 0.3058,
0.3179

 49.8394, 0.4232,
0.5021

 57.5877, 0.2922,
0.2958

 58.9324, 0.2795,
0.2753

 59.7053, 0.2740,
0.2666

 59.9056, 0.2741,
0.2671

Harmonies

Analogous

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



51.9832, 0.4219, 0.4070



51.9832, 0.3800, 0.4366



51.9832, 0.3223, 0.4348

Triad

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



51.9832, 0.3800, 0.4366



51.9832, 0.2048, 0.2766



51.9832, 0.3557, 0.2746

Complementary

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



51.9832, 0.3800, 0.4366



18.3645, 0.2289, 0.1925

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.



51.9832, 0.2934, 0.2454



51.9832, 0.3800, 0.4366



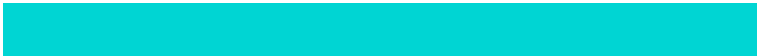
51.9832, 0.2116, 0.2434

Square

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



51.9832, 0.3800, 0.4366



51.9832, 0.2231, 0.3316



51.9832, 0.2421, 0.2338



51.9832, 0.4094, 0.3160

Rectangle

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



51.9832, 0.3800, 0.4366



51.9832, 0.2831, 0.4112



51.9832, 0.2421, 0.2338



51.9832, 0.3347, 0.2632

Sweetspot

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



51.9856, 0.3800, 0.4366



97.4069, 0.3339, 0.3631



23.7403, 0.4284, 0.3254



20.7714, 0.3372, 0.3684



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.



51.9856, 0.3800, 0.4366



92.1411, 0.3925, 0.4563



48.0207, 0.3427, 0.4537



12.3751, 0.3266, 0.3513



32.8059, 0.4232, 0.5022



1.5664, 0.4223, 0.5029

Inverse Universe

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



18.3645, 0.2289, 0.1925



24.5399, 0.2085, 0.1590



21.1949, 0.2671, 0.2027



10.3245, 0.2983, 0.3056



2.7300, 0.1505, 0.0616



0.1427, 0.1520, 0.0673

Previews

White Background



This preview shows how the Yxy color 51.9832, 0.3800, 0.4366 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 51.9832, 0.3800, 0.4366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

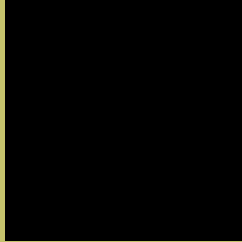
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9832, 0.3800, 0.4366

Background



This preview shows how black text looks on a background with the Yxy color 51.9832, 0.3800, 0.4366.



This preview shows how white text looks on a background with the Yxy color 51.9832, 0.3800, 0.4366.

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

51.9832, 0.3800, 0.4366

Protanopia

52.0248, 0.3945, 0.4288

Deuteranopia

51.7594, 0.4167, 0.4079



Tritanopia

52.0868, 0.3202, 0.3124

Trichromacy



Original Color

51.9832, 0.3800, 0.4366

Protanomaly

51.7399, 0.3895, 0.4317

Deuteranomaly

51.7265, 0.4028, 0.4184

Tritanomaly

51.8449, 0.3428, 0.3575

Monochromacy



Original Color

51.9832, 0.3800, 0.4366

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.8110, 0.3379, 0.3690

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9832, 0.3800, 0.4366 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, 195, 108)` looks like.

```
.text, #text, p{  
    color:rgb(197, 195, 108)  
}
```

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, 195, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 195, 108) }
```

Border

The CSS property to change the border of an element to Yxy 51.9832, 0.3800, 0.4366 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, 195, 108) }
```

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

```
.border{ border-color:rgb(197, 195, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 195, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 195, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 195, 108);  
box-shadow:4px 4px 4px 4px rgb(197, 195,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9832, 0.3800, 0.4366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 195, 108) }
```

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

```
.background{ background-color: rgb(197,  
195, 108) }
```

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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