

Converting Colors

Yxy(51.3879, 0.3844, 0.4490)

Have a look what the booklet for
Yxy(51.3879, 0.3844, 0.4490)
contains.

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Color

Yxy(51.3814, 0.3840, 0.4487)

Conversions

Conversions Part 1

Format	Color
Hex	C2C362
RGB	194, 195, 98
RGB Percent	76%, 76%, 38%
CMY	0.2391, 0.2353, 0.6156
CMYK	0.01, 0.00, 0.50, 0.24
HSL	61°, 45%, 57%
HSV	61°, 50%, 76%
XYZ	43.9725, 51.3814, 19.1578
YIQ	183.6430, 30.5410, -30.3790

Conversions

Conversions Part 2

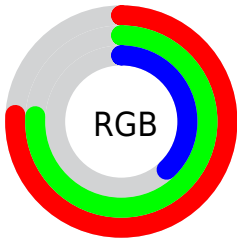
Format	Color
RYB	98, 195, 99
Decimal	12764002
CIELab	76.91, -13.76, 48.12
CIELCh	77, 50.048, 105.962
Yxy	51.3814, 0.3840, 0.4487
Android (android.graphics.Color)	4290954082 (0xFFC2C362)
YUV	183.6430, -42.2220, 9.0831
Hunter-Lab	71.6808, -15.9409, 34.3304

Details

The Yxy color **51.3814, 0.3840, 0.4487** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **15.3299, 0.2194, 0.1737**, and the grayscale version is **47.9535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9242, 0.3732, 0.4277**, and **24.9545, 0.3972, 0.4795** is the 20% darker color. If you saturate the color by 10%, you get **51.0332, 0.3954, 0.4681**, and if you desaturate by 10%, it is **51.8241, 0.3709, 0.4265**.

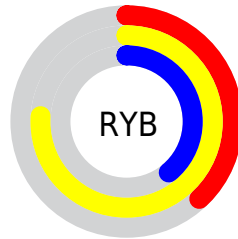
Distribution



Red (76%)

Green (76%)

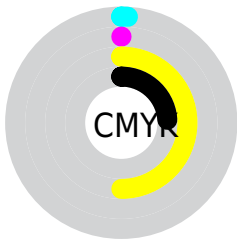
Blue (38%)



Red (38%)

Yellow (76%)

Blue (39%)

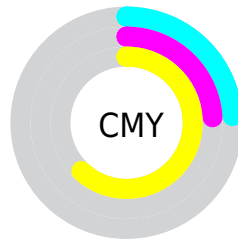


Cyan (1%)

Magenta (0%)

Yellow (50%)

Black (24%)



Cyan (24%)


Magenta (24%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3814, 0.3840, 0.4487 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 51.3814, 0.3840, 0.4487 by changing the saturation by 10% instead.


 51.3814, 0.3840,
0.4487

 51.3814, 0.3840,
0.4487


392.0438, 0.3516,
0.3900

 36.5122, 0.3906,
0.4624


 92.2183, 0.3732,
0.4280


 24.8301, 0.3982,
0.4792


 118.9548, 0.3689,
0.4200

 15.9505, 0.4064,
0.4999


 150.4159, 0.3651,
0.4131

 9.4891, 0.4143,
0.5254

 186.9860, 0.3617,
0.4072

 5.0616, 0.4298,
0.5702

229.0494, 0.3587,
0.4021

 2.2834, 0.4117,
0.5883

276.9906, 0.3561,

 0.7649, 0.3383,

0.3976

0.6617

331.1939, 0.3537,
0.3936

0.0000, 0.0000,
0.0000

51.3814, 0.3840,
0.4487

51.3814, 0.3840,
0.4487

51.0332, 0.3954,
0.4681

51.8241, 0.3709,
0.4265

50.7657, 0.4047,
0.4838

52.3602, 0.3566,
0.4025

50.5738, 0.4114,
0.4954


52.9974, 0.3418,
0.3776


50.4486, 0.4155,
0.5028


53.7409, 0.3269,
0.3527

50.3734, 0.4175,
0.5066

54.5953, 0.3123,
0.3284

 50.3716, 0.4176,
0.5066

 55.5650, 0.2985,
0.3052

 56.6543, 0.2854,
0.2835

 57.8671, 0.2734,
0.2634

 57.9568, 0.2729,
0.2624

Harmonies

Analogous

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



51.3814, 0.4317, 0.4153



51.3814, 0.3840, 0.4487



51.3814, 0.3201, 0.4466

Triad

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



51.3814, 0.3840, 0.4487



51.3814, 0.1944, 0.2686



51.3814, 0.3626, 0.2706

Complementary

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



51.3814, 0.3840, 0.4487



15.3299, 0.2194, 0.1737

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.



51.3814, 0.2934, 0.2384



51.3814, 0.3840, 0.4487



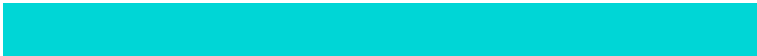
51.3814, 0.2027, 0.2339

Square

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



51.3814, 0.3840, 0.4487



51.3814, 0.2128, 0.3288



51.3814, 0.2366, 0.2249



51.3814, 0.4217, 0.3157

Rectangle

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



51.3814, 0.3840, 0.4487



51.3814, 0.2771, 0.4194



51.3814, 0.2366, 0.2249



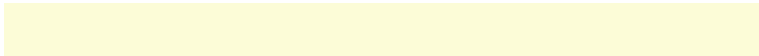
51.3814, 0.3393, 0.2581

Sweetspot

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



51.3838, 0.3840, 0.4487



95.4970, 0.3350, 0.3664



21.2217, 0.4514, 0.3294



20.8516, 0.3382, 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.



51.3838, 0.3840, 0.4487



91.3384, 0.3966, 0.4702



46.0689, 0.3421, 0.4681



11.7530, 0.3263, 0.3518



32.7419, 0.4176, 0.5066



1.4164, 0.4180, 0.5063

Inverse Universe

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



15.3299, 0.2194, 0.1737



19.2147, 0.1963, 0.1355



18.8353, 0.2646, 0.1905



9.7527, 0.2985, 0.3052



2.5713, 0.1504, 0.0602



0.1128, 0.1517, 0.0610

Previews

White Background



This preview shows how the Yxy color 51.3814, 0.3840, 0.4487 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 51.3814, 0.3840, 0.4487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

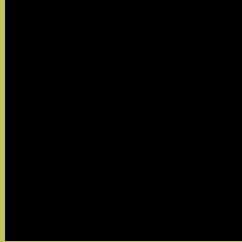
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3814, 0.3840, 0.4487

Background



This preview shows how black text looks on a background with the Yxy color 51.3814, 0.3840, 0.4487.



This preview shows how white text looks on a background with the Yxy color 51.3814, 0.3840, 0.4487.

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

51.3814, 0.3840, 0.4487

Protanopia

51.3731, 0.4027, 0.4392

Deuteranopia

51.1629, 0.4242, 0.4158



Tritanopia

51.3373, 0.3194, 0.3122

Trichromacy



Original Color

51.3814, 0.3840, 0.4487

Protanomaly

51.3997, 0.3954, 0.4426

Deuteranomaly

50.9628, 0.4090, 0.4270

Tritanomaly

50.9926, 0.3445, 0.3615

Monochromacy



Original Color

51.3814, 0.3840, 0.4487

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.9577, 0.3403, 0.3747

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3814, 0.3840, 0.4487 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(194, 195, 98)` looks like.

```
.text, #text, p{  
    color:rgb(194, 195, 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(194, 195, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 195, 98) }
```

Border

The CSS property to change the border of an element to Yxy 51.3814, 0.3840, 0.4487 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(194, 195, 98) }
```

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

```
.border{ border-color:rgb(194, 195, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 195, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 195, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 195, 98);  
box-shadow:4px 4px 4px 4px rgb(194, 195,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3814, 0.3840, 0.4487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 195, 98) }
```

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

```
.background{ background-color: rgb(194,  
195, 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](#).

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