

Converting Colors

Yxy(51.4395, 0.3811, 0.4369)

Have a look what the booklet for
Yxy(51.4395, 0.3811, 0.4369)
contains.

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Color

Yxy(51.5154, 0.3812, 0.4367)

Conversions

Conversions Part 1

Format	Color
Hex	C5C26B
RGB	197, 194, 107
RGB Percent	77%, 76%, 42%
CMY	0.2275, 0.2392, 0.5804
CMYK	0.00, 0.02, 0.46, 0.23
HSL	58°, 44%, 60%
HSV	58°, 46%, 77%
XYZ	44.9683, 51.5154, 21.4815
YIQ	184.9790, 29.7150, -26.4210

Conversions

Conversions Part 2

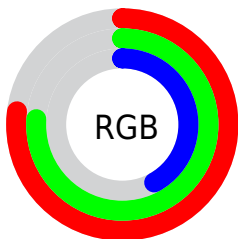
Format	Color
RYB	110, 197, 107
Decimal	12960363
CIELab	76.99, -11.21, 43.90
CIELCh	77, 45.307, 104.329
Yxy	51.5154, 0.3812, 0.4367
Android (android.graphics.Color)	4291150443 (0xFFC5C26B)
YUV	184.9790, -38.4436, 10.5424
Hunter-Lab	71.7742, -13.7702, 32.4969

Details

The Yxy color **51.5154, 0.3812, 0.4367** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.3015, 0.2280, 0.1922**, and the grayscale version is **48.7088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1693, 0.3705, 0.4177**, and **24.9980, 0.3954, 0.4658** is the 20% darker color. If you saturate the color by 10%, you get **50.8601, 0.3943, 0.4568**, and if you desaturate by 10%, it is **52.2711, 0.3667, 0.4143**.

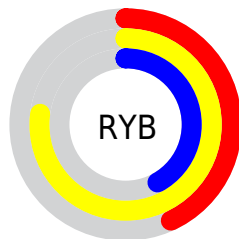
Distribution



Red (77%)

Green (76%)

Blue (42%)



Red (43%)

Yellow (77%)

Blue (42%)

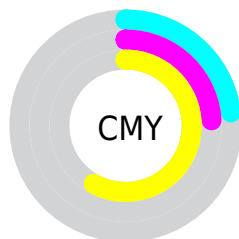


Cyan (0%)

Magenta (2%)

Yellow (46%)

Black (23%)



Cyan (23%)


Magenta (24%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5154, 0.3812, 0.4367 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 51.5154, 0.3812, 0.4367 by changing the saturation by 10% instead.


 51.5154, 0.3812,
0.4367


 51.5154, 0.3812,
0.4367


392.5629, 0.3495,
0.3839


 36.6190, 0.3880,
0.4491


 92.4162, 0.3705,
0.4180

 24.9126, 0.3959,
0.4645


 119.1893, 0.3662,
0.4108

 16.0120, 0.4050,
0.4836

 150.6901, 0.3625,
0.4046

 9.5326, 0.4149,
0.5076

 187.3029, 0.3592,
0.3993

 5.0902, 0.4320,
0.5481

229.4122, 0.3564,
0.3947

 2.3003, 0.4262,
0.5738

277.4024, 0.3538,

 0.7739, 0.3737,

0.3907

0.6263

331.6578, 0.3515,
0.3871

0.0000, 0.0000,
0.0000

51.5154, 0.3812,
0.4367

51.5154, 0.3812,
0.4367

50.8601, 0.3943,
0.4568

52.2711, 0.3667,
0.4143

50.2916, 0.4055,
0.4736

53.1261, 0.3516,
0.3905

49.8050, 0.4143,
0.4865


54.0881, 0.3362,
0.3663

49.3919, 0.4205,
0.4950


55.1621, 0.3211,
0.3423


49.0415, 0.4241,
0.4994

56.3529, 0.3065,
0.3192

 48.9006, 0.4252,
0.5006

 57.6648, 0.2929,
0.2973

 59.1020, 0.2802,
0.2769

 60.0359, 0.2741,
0.2674

 60.3366, 0.2742,
0.2681

Harmonies

Analogous

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



51.5154, 0.4228, 0.4065



51.5154, 0.3812, 0.4367



51.5154, 0.3235, 0.4356

Triad

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



51.5154, 0.3812, 0.4367



51.5154, 0.2046, 0.2772



51.5154, 0.3547, 0.2737

Complementary

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



51.5154, 0.3812, 0.4367



18.3015, 0.2280, 0.1922

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.



51.5154, 0.2922, 0.2448



51.5154, 0.3812, 0.4367



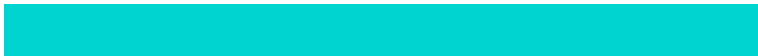
51.5154, 0.2108, 0.2435

Square

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



51.5154, 0.3812, 0.4367



51.5154, 0.2234, 0.3328



51.5154, 0.2411, 0.2335



51.5154, 0.4090, 0.3150

Rectangle

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



51.5154, 0.3812, 0.4367



51.5154, 0.2840, 0.4125



51.5154, 0.2411, 0.2335



51.5154, 0.3336, 0.2624

Sweetspot

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



51.5178, 0.3812, 0.4367



97.1597, 0.3339, 0.3627



23.5084, 0.4304, 0.3254



20.7104, 0.3373, 0.3680



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.



51.5178, 0.3812, 0.4367



91.0899, 0.3945, 0.4571



47.9545, 0.3430, 0.4552



12.3545, 0.3266, 0.3511



32.1951, 0.4251, 0.5006



1.5437, 0.4238, 0.5017

Inverse Universe

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



18.3015, 0.2280, 0.1922



24.1336, 0.2068, 0.1573



20.9337, 0.2665, 0.2012



10.3427, 0.2983, 0.3059



2.7686, 0.1507, 0.0624



0.1512, 0.1530, 0.0708

Previews

White Background



This preview shows how the Yxy color 51.5154, 0.3812, 0.4367 looks on a white background.

Color Contrast Check

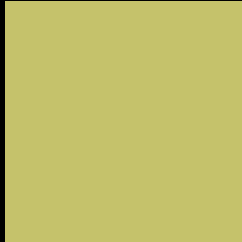
Large Text (above 18pt) WCAG AA × Fail

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 51.5154, 0.3812, 0.4367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

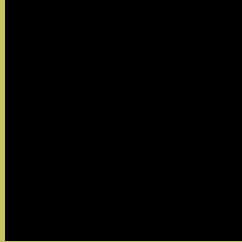
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5154, 0.3812, 0.4367

Background



This preview shows how black text looks on a background with the Yxy color 51.5154, 0.3812, 0.4367.



This preview shows how white text looks on a background with the Yxy color 51.5154, 0.3812, 0.4367.

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

51.5154, 0.3812, 0.4367

Protanopia

51.4228, 0.3949, 0.4292

Deuteranopia

51.1625, 0.4173, 0.4082



Tritanopia

51.6236, 0.3211, 0.3123

Trichromacy



Original Color

51.5154, 0.3812, 0.4367

Protanomaly

51.2813, 0.3907, 0.4317

Deuteranomaly

51.2820, 0.4041, 0.4184

Tritanomaly

51.3796, 0.3438, 0.3576

Monochromacy



Original Color

51.5154, 0.3812, 0.4367

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.2196, 0.3380, 0.3692

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5154, 0.3812, 0.4367 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, 194, 107)` looks like.

```
.text, #text, p{  
    color:rgb(197, 194, 107)  
}
```

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, 194, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 194, 107) }
```

Border

The CSS property to change the border of an element to Yxy 51.5154, 0.3812, 0.4367 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, 194, 107) }
```

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

```
.border{ border-color:rgb(197, 194, 107) }
```

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

Here you see how a box with a 4 pixel rgb(197, 194, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 194, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 194, 107);  
box-shadow:4px 4px 4px 4px rgb(197, 194,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5154, 0.3812, 0.4367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 194, 107) }
```

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

```
.background{ background-color: rgb(197,  
194, 107) }
```

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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