

Converting Colors

Yxy(51.6613, 0.3754, 0.4325)

Have a look what the booklet for
Yxy(51.6613, 0.3754, 0.4325)
contains.

Yxy(51.8022, 0.3755, 0.4327)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.8022, 0.3755, 0.4327)

Conversions

Conversions Part 1

Format	Color
Hex	C3C370
RGB	195, 195, 112
RGB Percent	76%, 76%, 44%
CMY	0.2351, 0.2353, 0.5607
CMYK	0.00, 0.00, 0.43, 0.24
HSL	60°, 41%, 60%
HSV	60°, 43%, 76%
XYZ	44.9543, 51.8022, 22.9620
YIQ	185.5380, 26.6430, -25.8130

Conversions

Conversions Part 2

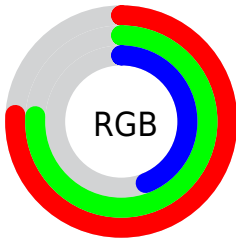
Format	Color
RYB	112, 195, 112
Decimal	12829552
CIELab	77.16, -12.00, 41.58
CIELCh	77, 43.275, 106.094
Yxy	51.8022, 0.3755, 0.4327
Android (android.graphics.Color)	4291019632 (0xFFC3C370)
YUV	185.5380, -36.2542, 8.2982
Hunter-Lab	71.9737, -14.4642, 31.4661

Details

The Yxy color **51.8022, 0.3755, 0.4327** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.9905, 0.2340, 0.1989**, and the grayscale version is **49.0312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5936, 0.3659, 0.4142**, and **24.9730, 0.3896, 0.4587** is the 20% darker color. If you saturate the color by 10%, you get **51.4106, 0.3884, 0.4540**, and if you desaturate by 10%, it is **52.2926, 0.3613, 0.4093**.

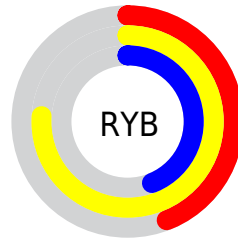
Distribution



Red (76%)

Green (76%)

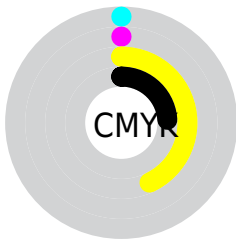
Blue (44%)



Red (44%)

Yellow (76%)

Blue (44%)

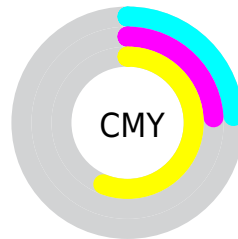


Cyan (0%)

Magenta (0%)

Yellow (43%)

Black (24%)



Cyan (24%)


Magenta (24%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8022, 0.3755, 0.4327 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 51.8022, 0.3755, 0.4327 by changing the saturation by 10% instead.


 51.8022, 0.3755,
0.4327


 51.8022, 0.3755,
0.4327


393.6725, 0.3464,
0.3816

 36.8474, 0.3818,
0.4449


 92.8395, 0.3656,
0.4145


 25.0894, 0.3892,
0.4600


 119.6908, 0.3617,
0.4075

 16.1437, 0.3977,
0.4790


 151.2763, 0.3583,
0.4016

 9.6259, 0.4072,
0.5034

 187.9806, 0.3553,
0.3965

 5.1516, 0.4208,
0.5407

230.1880, 0.3527,
0.3920

 2.3365, 0.4222,
0.5778

278.2828, 0.3503,

 0.7929, 0.3675,

0.3881

0.6325

332.6495, 0.3483,
0.3847

0.0000, 0.0000,
0.0000

51.8022, 0.3755,
0.4327

51.8022, 0.3755,
0.4327

51.4106, 0.3884,
0.4540

52.2926, 0.3613,
0.4093

51.1046, 0.3994,
0.4722

52.8804, 0.3464,
0.3846

50.8797, 0.4082,
0.4866


53.5730, 0.3313,
0.3597

50.7281, 0.4143,
0.4968

54.3753, 0.3164,
0.3352

50.6402, 0.4179,
0.5027


55.2917, 0.3022,
0.3116

 50.6031, 0.4194,
0.5052

 56.3265, 0.2888,
0.2895

 57.4837, 0.2763,
0.2689

 57.8980, 0.2724,
0.2624

 57.9035, 0.2724,
0.2625

Harmonies

Analogous

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



51.8022, 0.4164, 0.4057



51.8022, 0.3755, 0.4327



51.8022, 0.3199, 0.4289

Triad

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



51.8022, 0.3755, 0.4327



51.8022, 0.2087, 0.2773



51.8022, 0.3563, 0.2781

Complementary

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



51.8022, 0.3755, 0.4327



18.9905, 0.2340, 0.1989

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.



51.8022, 0.2967, 0.2494



51.8022, 0.3755, 0.4327



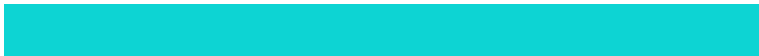
51.8022, 0.2161, 0.2460

Square

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



51.8022, 0.3755, 0.4327



51.8022, 0.2255, 0.3294



51.8022, 0.2466, 0.2375



51.8022, 0.4068, 0.3185

Rectangle

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



51.8022, 0.3755, 0.4327



51.8022, 0.2824, 0.4055



51.8022, 0.2466, 0.2375



51.8022, 0.3364, 0.2670

Sweetspot

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



51.8046, 0.3755, 0.4327



95.8183, 0.3322, 0.3612



24.4005, 0.4203, 0.3275



20.9191, 0.3356, 0.3668



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.



51.8046, 0.3755, 0.4327



92.0805, 0.3874, 0.4524



47.1798, 0.3402, 0.4465



11.7573, 0.3265, 0.3517



32.8734, 0.4194, 0.5052



1.4207, 0.4194, 0.5052

Inverse Universe

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



18.9905, 0.2340, 0.1989



25.6801, 0.2142, 0.1663



22.2228, 0.2719, 0.2111



9.7490, 0.2983, 0.3052



2.5631, 0.1500, 0.0601



0.1111, 0.1501, 0.0602

Previews

White Background



This preview shows how the Yxy color 51.8022, 0.3755, 0.4327 looks on a white background.

Color Contrast Check

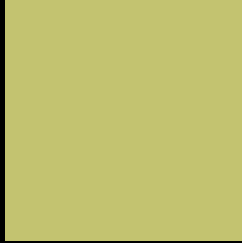
Large Text (above 18pt) WCAG AA × Fail

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 51.8022, 0.3755, 0.4327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

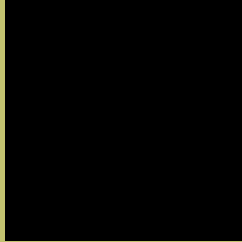
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8022, 0.3755, 0.4327

Background



This preview shows how black text looks on a background with the Yxy color 51.8022, 0.3755, 0.4327.



This preview shows how white text looks on a background with the Yxy color 51.8022, 0.3755, 0.4327.

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

51.8022, 0.3755, 0.4327

Protanopia

51.9427, 0.3915, 0.4260

Deuteranopia

51.6826, 0.4127, 0.4042



Tritanopia

51.8006, 0.3185, 0.3123

Trichromacy



Original Color

51.8022, 0.3755, 0.4327

Protanomaly

51.6843, 0.3857, 0.4276

Deuteranomaly

51.6610, 0.3989, 0.4144

Tritanomaly

51.6027, 0.3402, 0.3564

Monochromacy



Original Color

51.8022, 0.3755, 0.4327

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.7172, 0.3362, 0.3678

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8022, 0.3755, 0.4327 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(195, 195, 112)` looks like.

```
.text, #text, p{  
    color:rgb(195, 195, 112)  
}
```

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(195, 195, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 195, 112) }
```

Border

The CSS property to change the border of an element to Yxy 51.8022, 0.3755, 0.4327 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(195, 195, 112) }
```

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

```
.border{ border-color:rgb(195, 195, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 195, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 195, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 195, 112); box-shadow:4px 4px 4px 4px rgb(195, 195, 112) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8022, 0.3755, 0.4327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 195, 112) }
```

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

```
.background{ background-color: rgb(195,  
195, 112) }
```

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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