

Converting Colors

$Y_{xy}(44.3201, 0.3853, 0.4228)$

Have a look what the booklet for
Yxy(44.3201, 0.3853, 0.4228)
contains.

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Color

Yxy(44.4873, 0.3852, 0.4235)

Conversions

Conversions Part 1

Format	Color
Hex	C0B36A
RGB	192, 179, 106
RGB Percent	75%, 70%, 42%
CMY	0.2470, 0.2980, 0.5842
CMYK	0.00, 0.07, 0.45, 0.25
HSL	51°, 41%, 58%
HSV	51°, 45%, 75%
XYZ	40.4640, 44.4873, 20.0954
YIQ	174.5650, 31.1810, -19.9470

Conversions

Conversions Part 2

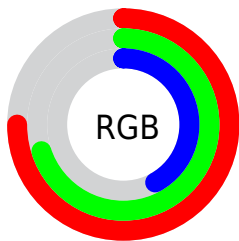
Format	Color
RYB	121, 192, 106
Decimal	12628842
CIELab	72.55, -5.56, 38.81
CIELCh	73, 39.203, 98.148
Yxy	44.4873, 0.3852, 0.4235
Android (android.graphics.Color)	4290818922 (0xFFC0B36A)
YUV	174.5650, -33.8025, 15.2905
Hunter-Lab	66.6988, -8.4327, 28.8259

Details

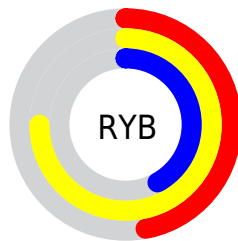
The Yxy color **44.4873, 0.3852, 0.4235** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **20.0756, 0.2329, 0.2119**, and the grayscale version is **42.8020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2093, 0.3732, 0.4075**, and **20.7826, 0.4033, 0.4501** is the 20% darker color. If you saturate the color by 10%, you get **42.9804, 0.4012, 0.4422**, and if you desaturate by 10%, it is **46.1123, 0.3685, 0.4030**.

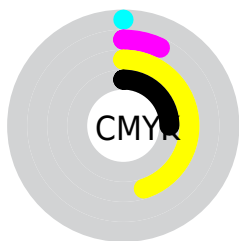
Distribution



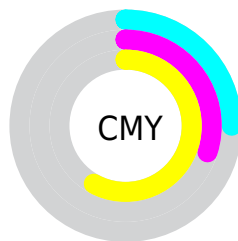
- Red (75%)
- Green (70%)
- Blue (42%)



- Red (47%)
- Yellow (75%)
- Blue (42%)



- Cyan (0%)
- Magenta (7%)
- Yellow (45%)
- Black (25%)




- Cyan (25%)
- Magenta (30%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4873, 0.3852, 0.4235 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 44.4873, 0.3852, 0.4235 by changing the saturation by 10% instead.


 44.4873, 0.3852,
0.4235


 44.4873, 0.3852,
0.4235


364.6931, 0.3501,
0.3764


 31.0538, 0.3933,
0.4348


 81.9505, 0.3729,
0.4066

 20.6398, 0.4030,
0.4489


 106.7490, 0.3681,
0.4002

 12.8610, 0.4149,
0.4666


 136.1046, 0.3640,
0.3947

 7.3329, 0.4288,
0.4890

 170.4017, 0.3605,
0.3900

 3.6711, 0.4615,
0.5377

210.0247, 0.3574,
0.3859

 1.4914, 0.4528,
0.5472

255.3580, 0.3546,

 0.2826, 0.3200,

0.3824

0.6800

306.7860, 0.3522,
0.3792

0.0000, 0.0000,
0.0000

44.4873, 0.3852,
0.4235

44.4873, 0.3852,
0.4235

42.9804, 0.4012,
0.4422

46.1123, 0.3685,
0.4030

41.5793, 0.4159,
0.4580

47.8549, 0.3517,
0.3815

40.2791, 0.4285,
0.4702

49.7223, 0.3354,
0.3599

39.0718, 0.4386,
0.4779

51.7194, 0.3198,
0.3388

37.9477, 0.4458,
0.4812

53.8507, 0.3053,
0.3186

■ 37.3844, 0.4489,
0.4818

■ 56.1205, 0.2918,
0.2996

■ 58.5328, 0.2796,
0.2820

■ 60.7893, 0.2711,
0.2703

■ 62.1687, 0.2714,
0.2736

Harmonies

Analogous

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



44.4873, 0.4180, 0.3930



44.4873, 0.3852, 0.4235



44.4873, 0.3345, 0.4284

Triad

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



44.4873, 0.3852, 0.4235



44.4873, 0.2151, 0.2914



44.4873, 0.3393, 0.2717

Complementary

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



44.4873, 0.3852, 0.4235



20.0756, 0.2329, 0.2119

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.



44.4873, 0.2834, 0.2479



44.4873, 0.3852, 0.4235



44.4873, 0.2161, 0.2555

Square

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



44.4873, 0.3852, 0.4235



44.4873, 0.2375, 0.3447



44.4873, 0.2397, 0.2415



44.4873, 0.3916, 0.3082

Rectangle

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



44.4873, 0.3852, 0.4235



44.4873, 0.2979, 0.4122



44.4873, 0.2397, 0.2415



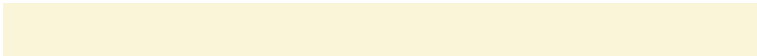
44.4873, 0.3201, 0.2621

Sweetspot

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



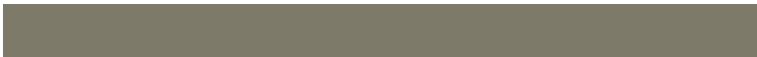
44.4894, 0.3852, 0.4235



90.6305, 0.3329, 0.3565



22.8861, 0.4102, 0.3097



19.2755, 0.3364, 0.3613



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.4894, 0.3852, 0.4235



77.8414, 0.4014, 0.4423



46.5718, 0.3526, 0.4482



11.4901, 0.3268, 0.3484



25.2418, 0.4484, 0.4821



1.1626, 0.4410, 0.4881

Inverse Universe

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



20.0756, 0.2329, 0.2119



27.9728, 0.2130, 0.1805



19.2442, 0.2560, 0.2001



9.9887, 0.2983, 0.3088



3.2275, 0.1538, 0.0737



0.2196, 0.1635, 0.1084

Previews

White Background



This preview shows how the Yxy color 44.4873, 0.3852, 0.4235 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 44.4873, 0.3852, 0.4235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

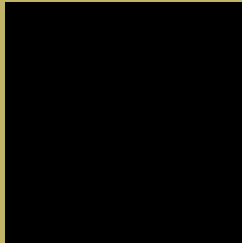
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4873, 0.3852, 0.4235

Background



This preview shows how black text looks on a background with the Yxy color 44.4873, 0.3852, 0.4235.



This preview shows how white text looks on a background with the Yxy color 44.4873, 0.3852, 0.4235.

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

44.4873, 0.3852, 0.4235

Protanopia

44.4835, 0.3886, 0.4214

Deuteranopia

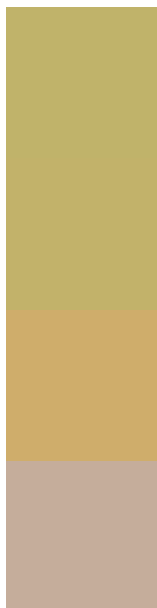
44.4311, 0.4120, 0.4032



Tritanopia

44.4477, 0.3289, 0.3128

Trichromacy



Original Color

44.4873, 0.3852, 0.4235

Protanomaly

44.3507, 0.3877, 0.4217

Deuteranomaly

44.2141, 0.4023, 0.4105

Tritanomaly

44.1240, 0.3505, 0.3524

Monochromacy



Original Color

44.4873, 0.3852, 0.4235

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.0764, 0.3391, 0.3644

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4873, 0.3852, 0.4235 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(192, 179, 106)` looks like.

```
.text, #text, p{  
    color:rgb(192, 179, 106)  
}
```

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(192, 179, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 179, 106) }
```

Border

The CSS property to change the border of an element to Yxy 44.4873, 0.3852, 0.4235 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(192, 179, 106) }
```

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

```
.border{ border-color:rgb(192, 179, 106) }
```

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

Here you see how a box with a 4 pixel rgb(192, 179, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 179, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 179, 106);  
box-shadow:4px 4px 4px 4px rgb(192, 179,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4873, 0.3852, 0.4235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 179, 106) }
```

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

```
.background{ background-color: rgb(192,  
179, 106) }
```

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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