

Converting Colors

$Y_{xy}(45.3052, 0.3846, 0.3854)$

Have a look what the booklet for
Yxy(45.3052, 0.3846, 0.3854)
contains.

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Color

Yxy(45.2670, 0.3839, 0.3852)

Conversions

Conversions Part 1

Format	Color
Hex	D0AE81
RGB	208, 174, 129
RGB Percent	82%, 68%, 51%
CMY	0.1843, 0.3176, 0.4940
CMYK	0.00, 0.16, 0.38, 0.18
HSL	34°, 46%, 66%
HSV	34°, 38%, 82%
XYZ	45.1142, 45.2670, 27.1343
YIQ	179.0360, 34.7090, -6.7870

Conversions

Conversions Part 2

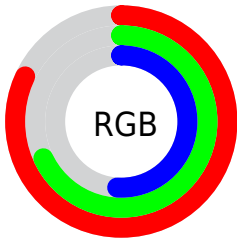
Format	Color
R_{YB}	189, 208, 129
Decimal	13676161
CIE Lab	73.07, 6.12, 27.71
CIE LCh	73, 28.373, 77.551
Yxy	45.2670, 0.3839, 0.3852
Android (android.graphics.Color)	4291866241 (0xFFD0AE81)
YUV	179.0360, -24.6677, 25.4014
Hunter-Lab	67.2808, 1.9495, 23.1849

Details

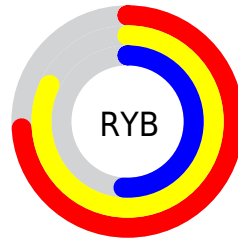
The Yxy color **45.2670, 0.3839, 0.3852** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.4282, 0.2509, 0.2649**, and the grayscale version is **45.2219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6760, 0.3629, 0.3768**, and **21.1590, 0.4035, 0.4005** is the 20% darker color. If you saturate the color by 10%, you get **41.4249, 0.4071, 0.3997**, and if you desaturate by 10%, it is **49.4567, 0.3623, 0.3700**.

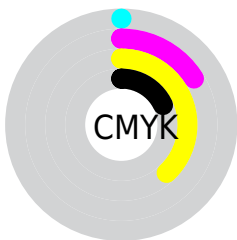
Distribution



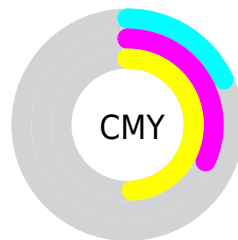
- Red (82%)
- Green (68%)
- Blue (51%)



- Red (74%)
- Yellow (82%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (38%)
- Black (18%)





- Cyan (18%)
- Magenta (32%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.2670, 0.3839, 0.3852 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 45.2670, 0.3839, 0.3852 by changing the saturation by 10% instead.


 45.2670, 0.3839,
0.3852

 45.2670, 0.3839,
0.3852


367.8538, 0.3483,
0.3579


 31.6678, 0.3927,
0.3916


 83.1209, 0.3710,
0.3755

 21.1079, 0.4037,
0.3996


 108.1444, 0.3662,
0.3718

 13.2029, 0.4182,
0.4097


 137.7448, 0.3620,
0.3686

 7.5684, 0.4375,
0.4226

172.3065, 0.3585,
0.3659

 3.8200, 0.4642,
0.4389

212.2138, 0.3554,
0.3635

 1.5734, 0.5230,
0.4770

257.8512, 0.3528,

 0.3396, 0.5816,

0.3614

0.4184

309.6031, 0.3504,
0.3595

0.0000, 0.0000,
0.0000

45.2670, 0.3839,
0.3852

45.2670, 0.3839,
0.3852

41.4249, 0.4071,
0.3997

49.4567, 0.3623,
0.3700

37.9128, 0.4315,
0.4125

53.9982, 0.3428,
0.3549

34.7205, 0.4560,
0.4226


58.9038, 0.3253,
0.3402


31.8346, 0.4795,
0.4285

64.1830, 0.3097,
0.3263

29.2400, 0.5005,
0.4295

69.8450, 0.2960,
0.3133

 26.9170, 0.5180,
0.4253

 75.8985, 0.2840,
0.3013

 26.4745, 0.5215,
0.4242

 81.0226, 0.2839,
0.3097

 86.3302, 0.2844,
0.3192

 91.9004, 0.2849,
0.3285

Harmonies

Analogous

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



45.2670, 0.3926, 0.3570



45.2670, 0.3839, 0.3852



45.2670, 0.3557, 0.4005

Triad

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



45.2670, 0.3839, 0.3852



45.2670, 0.2507, 0.3285



45.2670, 0.3042, 0.2730

Complementary

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



45.2670, 0.3839, 0.3852



35.4282, 0.2509, 0.2649

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.



45.2670, 0.2681, 0.2641



45.2670, 0.3839, 0.3852



45.2670, 0.2389, 0.2930

Square

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



45.2670, 0.3839, 0.3852



45.2670, 0.2788, 0.3672



45.2670, 0.2450, 0.2705



45.2670, 0.3450, 0.2945

Rectangle

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



45.2670, 0.3839, 0.3852



45.2670, 0.3305, 0.3992



45.2670, 0.2450, 0.2705



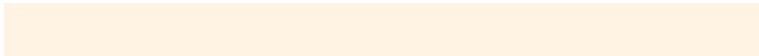
45.2670, 0.2912, 0.2684

Sweetspot

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



45.2691, 0.3839, 0.3852



90.8582, 0.3306, 0.3447



31.7702, 0.3648, 0.2861



19.2171, 0.3329, 0.3467



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.



45.2691, 0.3839, 0.3852



66.5077, 0.4037, 0.3977



59.3636, 0.3649, 0.4241



12.9096, 0.3277, 0.3422



16.6937, 0.5196, 0.4256



1.0894, 0.4963, 0.4441

Inverse Universe

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



35.4282, 0.2509, 0.2649



48.6519, 0.2364, 0.2473



25.3517, 0.2478, 0.2157



12.2428, 0.2982, 0.3154



7.5333, 0.1713, 0.1367



0.5774, 0.1813, 0.1727

Previews

White Background



This preview shows how the Yxy color 45.2670, 0.3839, 0.3852 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 45.2670, 0.3839, 0.3852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

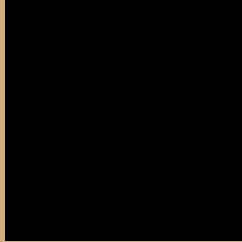
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2670, 0.3839, 0.3852

Background



This preview shows how black text looks on a background with the Yxy color 45.2670, 0.3839, 0.3852.



This preview shows how white text looks on a background with the Yxy color 45.2670, 0.3839, 0.3852.

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

45.2670, 0.3839, 0.3852

Protanopia

45.2163, 0.3658, 0.3918

Deuteranopia

45.2362, 0.3896, 0.3819



Tritanopia

45.0789, 0.3441, 0.3134

Trichromacy



Original Color

45.2670, 0.3839, 0.3852

Protanomaly

45.0618, 0.3722, 0.3896

Deuteranomaly

45.3210, 0.3872, 0.3834

Tritanomaly

45.1715, 0.3591, 0.3402

Monochromacy



Original Color

45.2670, 0.3839, 0.3852

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.9646, 0.3378, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2670, 0.3839, 0.3852 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(208, 174, 129)` looks like.

```
.text, #text, p{  
    color:rgb(208, 174, 129)  
}
```

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(208, 174, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 174, 129) }
```

Border

The CSS property to change the border of an element to Yxy 45.2670, 0.3839, 0.3852 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(208, 174, 129) }
```

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

```
.border{ border-color:rgb(208, 174, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 174, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 174, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 174, 129);  
box-shadow:4px 4px 4px 4px rgb(208, 174,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2670, 0.3839, 0.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 174, 129) }
```

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

```
.background{ background-color: rgb(208,  
174, 129) }
```

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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