

Converting Colors

$Yxy(44.9423, 0.3753, 0.3775)$

Have a look what the booklet for
Yxy(44.9423, 0.3753, 0.3775)
contains.

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Color

Yxy(45.0288, 0.3748, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	CDAE88
RGB	205, 174, 136
RGB Percent	80%, 68%, 53%
CMY	0.1961, 0.3176, 0.4667
CMYK	0.00, 0.15, 0.34, 0.20
HSL	33°, 41%, 67%
HSV	33°, 34%, 80%
XYZ	44.7542, 45.0288, 29.6252
YIQ	178.9370, 30.6740, -5.2460

Conversions

Conversions Part 2

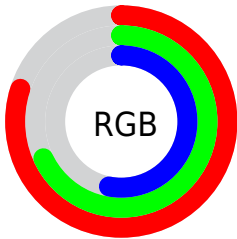
Format	Color
RYB	192, 205, 136
Decimal	13479560
CIELab	72.91, 5.75, 23.70
CIElCh	73, 24.385, 76.360
Yxy	45.0288, 0.3748, 0.3771
Android (android.graphics.Color)	4291669640 (0xFFCDAE88)
YUV	178.9370, -21.1679, 22.8573
Hunter-Lab	67.1035, 1.6181, 20.7968

Details

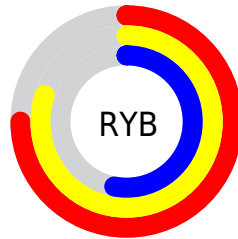
The Yxy color **45.0288, 0.3748, 0.3771** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.2711, 0.2585, 0.2754**, and the grayscale version is **45.1471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0163, 0.3574, 0.3686**, and **21.0750, 0.3926, 0.3899** is the 20% darker color. If you saturate the color by 10%, you get **41.0668, 0.3977, 0.3915**, and if you desaturate by 10%, it is **49.3502, 0.3538, 0.3623**.

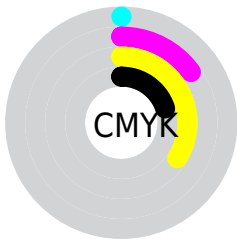
Distribution



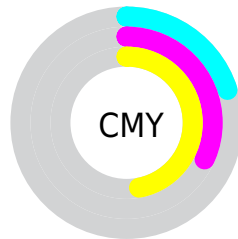
- Red (80%)
- Green (68%)
- Blue (53%)



- Red (75%)
- Yellow (80%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (34%)
- Black (20%)





- Cyan (20%)
- Magenta (32%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0288, 0.3748, 0.3771 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 45.0288, 0.3748, 0.3771 by changing the saturation by 10% instead.


 45.0288, 0.3748,
0.3771


 45.0288, 0.3748,
0.3771


366.8902, 0.3436,
0.3535


 31.4801, 0.3825,
0.3827


 82.7636, 0.3635,
0.3687

 20.9647, 0.3924,
0.3898


 107.7186, 0.3592,
0.3655

 13.0982, 0.4054,
0.3988


 137.2444, 0.3556,
0.3628

 7.4962, 0.4231,
0.4107

171.7254, 0.3525,
0.3604

 3.7743, 0.4482,
0.4262

211.5461, 0.3498,
0.3584

 1.5481, 0.5211,
0.4789

257.0909, 0.3475,

 0.3222, 0.5809,

0.3566

0.4191

308.7441, 0.3454,
0.3550

0.0000, 0.0000,
0.0000

45.0288, 0.3748,
0.3771

45.0288, 0.3748,
0.3771

41.0668, 0.3977,
0.3915

49.3502, 0.3538,
0.3623

37.4467, 0.4223,
0.4048

54.0353, 0.3350,
0.3478

34.1586, 0.4476,
0.4158

59.0962, 0.3183,
0.3339


31.1894, 0.4725,
0.4233

64.5426, 0.3036,
0.3208

28.5248, 0.4956,
0.4262


70.3835, 0.2907,
0.3087

 26.1482, 0.5155,
0.4237

 76.3678, 0.2816,
0.3015

 24.7742, 0.5267,
0.4200

 81.6046, 0.2822,
0.3115

 87.1156, 0.2828,
0.3212

 91.7173, 0.2832,
0.3289

Harmonies

Analogous

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



45.0288, 0.3813, 0.3526



45.0288, 0.3748, 0.3771



45.0288, 0.3513, 0.3902

Triad

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



45.0288, 0.3748, 0.3771



45.0288, 0.2598, 0.3302



45.0288, 0.3042, 0.2796

Complementary

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



45.0288, 0.3748, 0.3771



37.2711, 0.2585, 0.2754

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.



45.0288, 0.2732, 0.2725



45.0288, 0.3748, 0.3771



45.0288, 0.2487, 0.2994

Square

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



45.0288, 0.3748, 0.3771



45.0288, 0.2848, 0.3629



45.0288, 0.2534, 0.2790



45.0288, 0.3393, 0.2982

Rectangle

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



45.0288, 0.3748, 0.3771



45.0288, 0.3297, 0.3893



45.0288, 0.2534, 0.2790



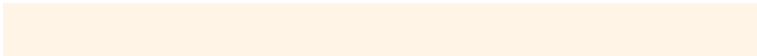
45.0288, 0.2930, 0.2758

Sweetspot

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



45.0309, 0.3748, 0.3771



91.3757, 0.3289, 0.3428



33.3777, 0.3555, 0.2897



19.3097, 0.3313, 0.3448



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.



45.0309, 0.3748, 0.3771



69.2581, 0.3903, 0.3871



57.9263, 0.3601, 0.4130



12.2212, 0.3276, 0.3418



15.6173, 0.5248, 0.4215



0.9559, 0.4987, 0.4422

Inverse Universe

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



37.2711, 0.2585, 0.2754



54.7480, 0.2470, 0.2622



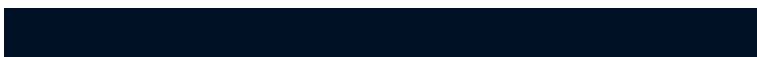
27.5437, 0.2555, 0.2304



11.6596, 0.2983, 0.3159



7.6989, 0.1730, 0.1426



0.5479, 0.1835, 0.1805

Previews

White Background



This preview shows how the Yxy color 45.0288, 0.3748, 0.3771 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 45.0288, 0.3748, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

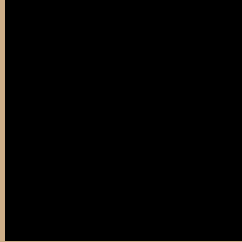
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0288, 0.3748, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 45.0288, 0.3748, 0.3771.



This preview shows how white text looks on a background with the Yxy color 45.0288, 0.3748, 0.3771.

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

45.0288, 0.3748, 0.3771

Protanopia

45.1515, 0.3579, 0.3830

Deuteranopia

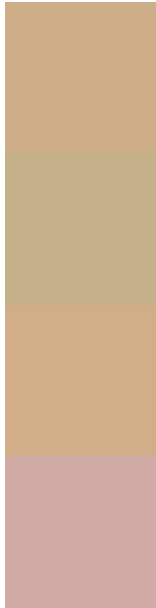
45.1315, 0.3814, 0.3737



Tritanopia

45.0431, 0.3402, 0.3132

Trichromacy



Original Color

45.0288, 0.3748, 0.3771

Protanomaly

44.9862, 0.3642, 0.3810

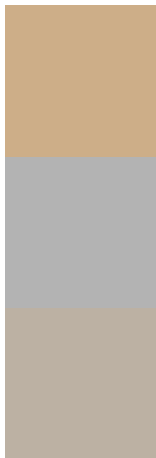
Deuteranomaly

45.2200, 0.3791, 0.3752

Tritanomaly

44.8760, 0.3525, 0.3353

Monochromacy



Original Color

45.0288, 0.3748, 0.3771

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.7800, 0.3342, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0288, 0.3748, 0.3771 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(205, 174, 136)` looks like.

```
.text, #text, p{  
    color:rgb(205, 174, 136)  
}
```

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(205, 174, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 174, 136) }
```

Border

The CSS property to change the border of an element to Yxy 45.0288, 0.3748, 0.3771 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(205, 174, 136) }
```

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

```
.border{ border-color:rgb(205, 174, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 174, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 174, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 174, 136);  
box-shadow:4px 4px 4px 4px rgb(205, 174,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0288, 0.3748, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 174, 136) }
```

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

```
.background{ background-color: rgb(205,  
174, 136) }
```

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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