

Converting Colors

$Y_{xy}(45.5398, 0.3801, 0.3736)$

Have a look what the booklet for
Yxy(45.5398, 0.3801, 0.3736)
contains.

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Color

Yxy(45.5422, 0.3801, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	D3AD89
RGB	211, 173, 137
RGB Percent	83%, 68%, 54%
CMY	0.1725, 0.3215, 0.4629
CMYK	0.00, 0.18, 0.35, 0.17
HSL	29°, 46%, 68%
HSV	29°, 35%, 83%
XYZ	46.3222, 45.5422, 30.0040
YIQ	180.2580, 34.2040, -3.1400

Conversions

Conversions Part 2

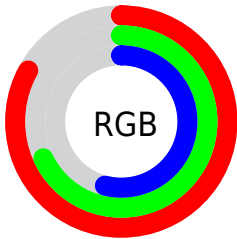
Format	Color
R _Y B	211, 207, 137
Decimal	13872521
CIE Lab	73.25, 8.79, 23.73
CIE LCh	73, 25.303, 69.672
Yxy	45.5422, 0.3801, 0.3737
Android (android.graphics.Color)	4292062601 (0xFFD3AD89)
YUV	180.2580, -21.3262, 26.9607
Hunter-Lab	67.4850, 4.4250, 20.8790

Details

The Yxy color **45.5422, 0.3801, 0.3737** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.6670, 0.2569, 0.2794**, and the grayscale version is **45.8909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5084, 0.3570, 0.3666**, and **21.3314, 0.3986, 0.3852** is the 20% darker color. If you saturate the color by 10%, you get **41.0102, 0.4049, 0.3865**, and if you desaturate by 10%, it is **50.5335, 0.3578, 0.3605**.

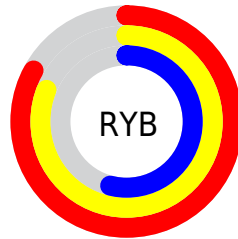
Distribution



Red (83%)

Green (68%)

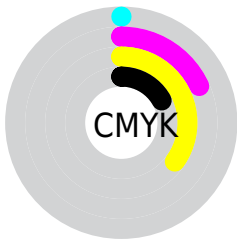
Blue (54%)



Red (83%)

Yellow (81%)

Blue (54%)

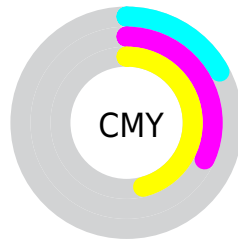


Cyan (0%)

Magenta (18%)

Yellow (35%)

Black (17%)



Cyan (17%)


Magenta (32%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5422, 0.3801, 0.3737 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 45.5422, 0.3801, 0.3737 by changing the saturation by 10% instead.

 45.5422, 0.3801,
0.3737


 45.5422, 0.3801,
0.3737

368.9651, 0.3462,
0.3521


 31.8847, 0.3885,
0.3788


 83.5334, 0.3678,
0.3661

 21.2735, 0.3993,
0.3850


 108.6360, 0.3632,
0.3631

 13.3240, 0.4134,
0.3930


 138.3223, 0.3593,
0.3606

 7.6521, 0.4327,
0.4031

172.9769, 0.3559,
0.3585

 3.8731, 0.4601,
0.4159

212.9841, 0.3530,
0.3566

 1.6028, 0.5378,
0.4622

258.7282, 0.3504,

 0.3595, 0.6074,

0.3549

0.3926

310.5937, 0.3482,
0.3534

0.0000, 0.0000,
0.0000

45.5422, 0.3801,
0.3737

45.5422, 0.3801,
0.3737

41.0102, 0.4049,
0.3865

50.5335, 0.3578,
0.3605

36.9164, 0.4317,
0.3980

55.9919, 0.3380,
0.3475

33.2469, 0.4598,
0.4072

61.9327, 0.3207,
0.3351

29.9846, 0.4877,
0.4127

68.3688, 0.3056,
0.3234

27.1105, 0.5137,
0.4133

75.3123, 0.2924,
0.3125

■ 24.6030, 0.5360,
0.4084

■ 82.2104, 0.2857,
0.3112

■ 23.4916, 0.5459,
0.4047

■ 88.7071, 0.2863,
0.3225

■ 92.5896, 0.2866,
0.3289

Harmonies

Analogous

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



45.5422, 0.3823, 0.3469



45.5422, 0.3801, 0.3737



45.5422, 0.3591, 0.3907

Triad

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



45.5422, 0.3801, 0.3737



45.5422, 0.2627, 0.3380



45.5422, 0.2961, 0.2753

Complementary

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



45.5422, 0.3801, 0.3737



40.6670, 0.2569, 0.2794

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.



45.5422, 0.2661, 0.2709



45.5422, 0.3801, 0.3737



45.5422, 0.2478, 0.3047

Square

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



45.5422, 0.3801, 0.3737



45.5422, 0.2910, 0.3707



45.5422, 0.2490, 0.2808



45.5422, 0.3322, 0.2921

Rectangle

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



45.5422, 0.3801, 0.3737



45.5422, 0.3380, 0.3927



45.5422, 0.2490, 0.2808



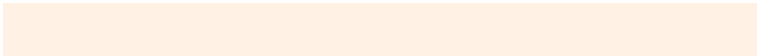
45.5422, 0.2850, 0.2723

Sweetspot

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



45.5443, 0.3801, 0.3737



89.4792, 0.3308, 0.3425



34.8362, 0.3528, 0.2821



18.8885, 0.3333, 0.3442



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.



45.5443, 0.3801, 0.3737



64.7175, 0.3981, 0.3832



61.6352, 0.3657, 0.4145



12.7445, 0.3279, 0.3403



14.3802, 0.5436, 0.4066



0.9627, 0.5148, 0.4294

Inverse Universe

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



40.6670, 0.2569, 0.2794



56.1570, 0.2450, 0.2668



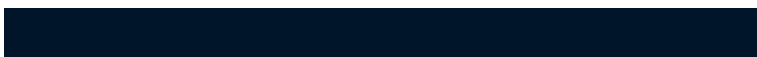
28.2546, 0.2497, 0.2262



12.4067, 0.2982, 0.3174



9.5549, 0.1787, 0.1633



0.6929, 0.1878, 0.1960

Previews

White Background



This preview shows how the Yxy color 45.5422, 0.3801, 0.3737 looks on a white background.

Color Contrast Check

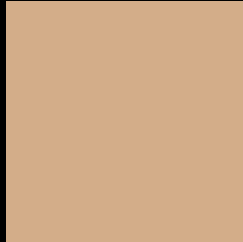
Large Text (above 18pt) WCAG AA × Fail

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 45.5422, 0.3801, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

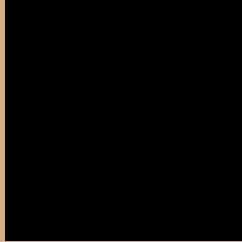
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5422, 0.3801, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 45.5422, 0.3801, 0.3737.



This preview shows how white text looks on a background with the Yxy color 45.5422, 0.3801, 0.3737.

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

45.5422, 0.3801, 0.3737

Protanopia

45.7424, 0.3568, 0.3814

Deuteranopia

45.6903, 0.3810, 0.3735



Tritanopia

45.5317, 0.3469, 0.3135

Trichromacy



Original Color

45.5422, 0.3801, 0.3737

Protanomaly

45.4505, 0.3653, 0.3779

Deuteranomaly

45.6903, 0.3810, 0.3735

Tritanomaly

45.3524, 0.3594, 0.3352

Monochromacy



Original Color

45.5422, 0.3801, 0.3737

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.2010, 0.3361, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5422, 0.3801, 0.3737 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(211, 173, 137)` looks like.

```
.text, #text, p{  
    color:rgb(211, 173, 137)  
}
```

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(211, 173, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 173, 137) }
```

Border

The CSS property to change the border of an element to Yxy 45.5422, 0.3801, 0.3737 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(211, 173, 137) }
```

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

```
.border{ border-color:rgb(211, 173, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 173, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 173, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 173, 137);  
box-shadow:4px 4px 4px 4px rgb(211, 173,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5422, 0.3801, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 173, 137) }
```

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

```
.background{ background-color: rgb(211,  
173, 137) }
```

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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