

Converting Colors

$Y_{xy}(43.7978, 0.3771, 0.3744)$

Have a look what the booklet for
Yxy(43.7978, 0.3771, 0.3744)
contains.

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Color

Yxy(43.8542, 0.3769, 0.3747)

Conversions

Conversions Part 1

Format	Color
Hex	CDAB87
RGB	205, 171, 135
RGB Percent	80%, 67%, 53%
CMY	0.1961, 0.3294, 0.4705
CMYK	0.00, 0.17, 0.34, 0.20
HSL	31°, 41%, 67%
HSV	31°, 34%, 80%
XYZ	44.1117, 43.8542, 29.0723
YIQ	177.0620, 31.8200, -3.9880

Conversions

Conversions Part 2

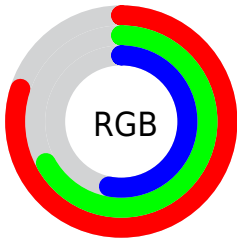
Format	Color
R_{YB}	201, 205, 135
Decimal	13478791
CIE Lab	72.13, 7.24, 23.16
CIE LCh	72, 24.269, 72.639
Yxy	43.8542, 0.3769, 0.3747
Android (android.graphics.Color)	4291668871 (0xFFCDAB87)
YUV	177.0620, -20.7366, 24.5016
Hunter-Lab	66.2225, 3.0118, 20.3269

Details

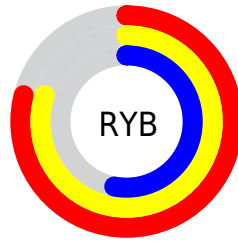
The Yxy color **43.8542, 0.3769, 0.3747** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.9397, 0.2582, 0.2782**, and the grayscale version is **44.1007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2836, 0.3595, 0.3677**, and **20.3336, 0.3959, 0.3868** is the 20% darker color. If you saturate the color by 10%, you get **39.7121, 0.4008, 0.3882**, and if you desaturate by 10%, it is **48.3949, 0.3553, 0.3608**.

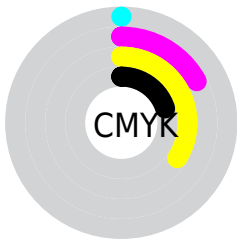
Distribution



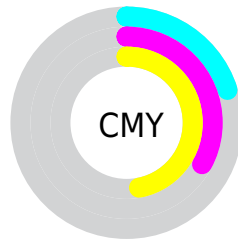
- Red (80%)
- Green (67%)
- Blue (53%)



- Red (79%)
- Yellow (80%)
- Blue (53%)



- Cyan (0%)
- Magenta (17%)
- Yellow (34%)
- Black (20%)





- Cyan (20%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8542, 0.3769, 0.3747 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 43.8542, 0.3769, 0.3747 by changing the saturation by 10% instead.


 43.8542, 0.3769,
0.3747

 43.8542, 0.3769,
0.3747

362.1130, 0.3445,
0.3523


 30.5559, 0.3850,
0.3800


 80.9983, 0.3651,
0.3667

 20.2609, 0.3954,
0.3867


 105.6129, 0.3606,
0.3637

 12.5848, 0.4092,
0.3952


 134.7684, 0.3569,
0.3611

 7.1433, 0.4280,
0.4063

168.8492, 0.3537,
0.3589

 3.5519, 0.4550,
0.4206

208.2396, 0.3509,
0.3569

 1.4262, 0.5308,
0.4692

253.3241, 0.3485,

 0.2359, 0.6296,

0.3552

0.3704

304.4871, 0.3463,
0.3537

0.0000, 0.0000,
0.0000

43.8542, 0.3769,
0.3747

43.8542, 0.3769,
0.3747

39.7121, 0.4008,
0.3882

48.3949, 0.3553,
0.3608

35.9499, 0.4265,
0.4006

53.3400, 0.3360,
0.3472

32.5562, 0.4533,
0.4106


58.7028, 0.3191,
0.3342


29.5163, 0.4799,
0.4172

64.4941, 0.3042,
0.3219


26.8143, 0.5048,
0.4190

70.7243, 0.2913,
0.3106


 24.4318, 0.5263,
0.4154

 77.2070, 0.2817,
0.3032

 23.1666, 0.5375,
0.4114

 82.9318, 0.2823,
0.3139

 88.9786, 0.2830,
0.3244

 91.7171, 0.2832,
0.3289

Harmonies

Analogous

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



43.8542, 0.3810, 0.3493



43.8542, 0.3769, 0.3747



43.8542, 0.3551, 0.3897

Triad

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



43.8542, 0.3769, 0.3747



43.8542, 0.2620, 0.3344



43.8542, 0.2999, 0.2779

Complementary

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



43.8542, 0.3769, 0.3747



37.9397, 0.2582, 0.2782

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.



43.8542, 0.2698, 0.2723



43.8542, 0.3769, 0.3747



43.8542, 0.2490, 0.3026

Square

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



43.8542, 0.3769, 0.3747



43.8542, 0.2885, 0.3666



43.8542, 0.2517, 0.2806



43.8542, 0.3351, 0.2952

Rectangle

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



43.8542, 0.3769, 0.3747



43.8542, 0.3340, 0.3904



43.8542, 0.2517, 0.2806



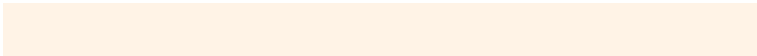
43.8542, 0.2889, 0.2746

Sweetspot

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



43.8562, 0.3769, 0.3747



90.8158, 0.3290, 0.3419



33.2163, 0.3525, 0.2849



19.1743, 0.3315, 0.3438



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.



43.8562, 0.3769, 0.3747



66.7666, 0.3943, 0.3848



58.3832, 0.3637, 0.4133



12.1518, 0.3277, 0.3409



14.6155, 0.5354, 0.4131



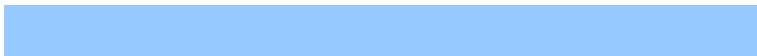
0.9056, 0.5067, 0.4358

Inverse Universe

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



37.9397, 0.2582, 0.2782



55.6278, 0.2461, 0.2650



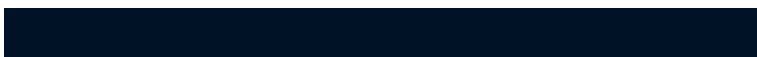
26.8971, 0.2516, 0.2280



11.7284, 0.2983, 0.3168



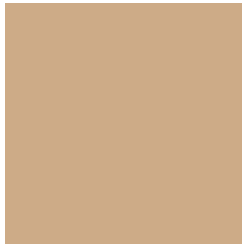
8.5557, 0.1762, 0.1544



0.5932, 0.1863, 0.1906

Previews

White Background



This preview shows how the Yxy color 43.8542, 0.3769, 0.3747 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 43.8542, 0.3769, 0.3747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

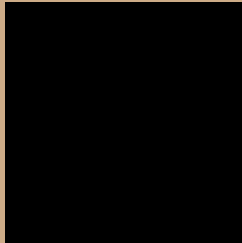
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8542, 0.3769, 0.3747

Background



This preview shows how black text looks on a background with the Yxy color 43.8542, 0.3769, 0.3747.



This preview shows how white text looks on a background with the Yxy color 43.8542, 0.3769, 0.3747.

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

43.8542, 0.3769, 0.3747

Protanopia

44.0981, 0.3567, 0.3809

Deuteranopia

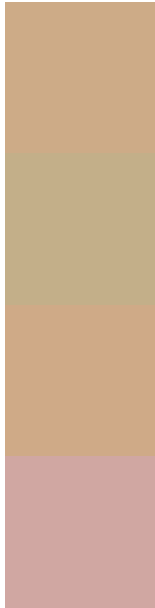
43.9086, 0.3803, 0.3730



Tritanopia

43.8263, 0.3435, 0.3132

Trichromacy



Original Color

43.8542, 0.3769, 0.3747

Protanomaly

44.0682, 0.3640, 0.3787

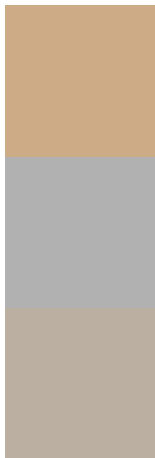
Deuteranomaly

43.7641, 0.3793, 0.3732

Tritanomaly

43.6560, 0.3561, 0.3354

Monochromacy



Original Color

43.8542, 0.3769, 0.3747

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8334, 0.3345, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8542, 0.3769, 0.3747 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, 171, 135)` looks like.

```
.text, #text, p{  
    color:rgb(205, 171, 135)  
}
```

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, 171, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 171, 135) }
```

Border

The CSS property to change the border of an element to Yxy 43.8542, 0.3769, 0.3747 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, 171, 135) }
```

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

```
.border{ border-color:rgb(205, 171, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 171, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 171, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 171, 135);  
box-shadow:4px 4px 4px 4px rgb(205, 171,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8542, 0.3769, 0.3747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 171, 135) }
```

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

```
.background{ background-color: rgb(205,  
171, 135) }
```

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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