

Converting Colors

$Yxy(43.3270, 0.3808, 0.3805)$

Have a look what the booklet for
Yxy(43.3270, 0.3808, 0.3805)
contains.

Yxy(43.1985, 0.3809, 0.3800)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.1985, 0.3809, 0.3800)

Conversions

Conversions Part 1

Format	Color
Hex	CCAA82
RGB	204, 170, 130
RGB Percent	80%, 67%, 51%
CMY	0.2001, 0.3333, 0.4901
CMYK	0.00, 0.17, 0.36, 0.20
HSL	32°, 42%, 65%
HSV	32°, 36%, 80%
XYZ	43.3008, 43.1985, 27.1810
YIQ	175.6060, 33.1040, -5.2320

Conversions

Conversions Part 2

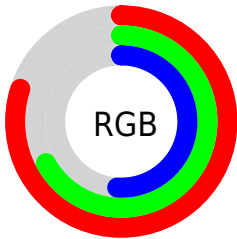
Format	Color
RYB	193, 204, 130
Decimal	13412994
CIELab	71.69, 6.76, 25.26
CIElCh	72, 26.147, 75.021
Yxy	43.1985, 0.3809, 0.3800
Android (android.graphics.Color)	4291603074 (0xFFCCAA82)
YUV	175.6060, -22.4838, 24.9015
Hunter-Lab	65.7256, 2.5783, 21.4884

Details

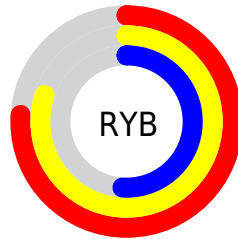
The Yxy color **43.1985, 0.3809, 0.3800** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.6473, 0.2543, 0.2716**, and the grayscale version is **43.3069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5293, 0.3633, 0.3719**, and **19.8320, 0.4002, 0.3941** is the 20% darker color. If you saturate the color by 10%, you get **39.3182, 0.4045, 0.3940**, and if you desaturate by 10%, it is **47.4416, 0.3592, 0.3655**.

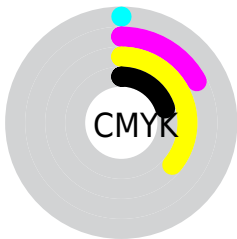
Distribution



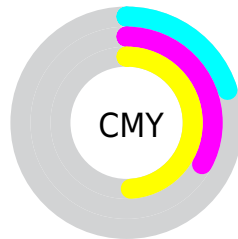
- Red (80%)
- Green (67%)
- Blue (51%)



- Red (76%)
- Yellow (80%)
- Blue (51%)



- Cyan (0%)
- Magenta (17%)
- Yellow (36%)
- Black (20%)





- Cyan (20%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1985, 0.3809, 0.3800 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 43.1985, 0.3809, 0.3800 by changing the saturation by 10% instead.

 43.1985, 0.3809,
0.3800

 43.1985, 0.3809,
0.3800


359.4275, 0.3464,
0.3550


 30.0409, 0.3895,
0.3860


 80.0103, 0.3683,
0.3711

 19.8696, 0.4005,
0.3934


 104.4333, 0.3636,
0.3677

 12.3003, 0.4150,
0.4029


 133.3802, 0.3596,
0.3648

 6.9485, 0.4347,
0.4150

167.2355, 0.3562,
0.3623

 3.4299, 0.4627,
0.4308

206.3834, 0.3533,
0.3601

 1.3601, 0.5286,
0.4714

251.2085, 0.3507,

 0.1870, 0.6470,

0.3582

0.3530

302.0950, 0.3484,
0.3565

0.0000, 0.0000,
0.0000

43.1985, 0.3809,
0.3800

43.1985, 0.3809,
0.3800

39.3182, 0.4045,
0.3940

47.4416, 0.3592,
0.3655

35.7830, 0.4297,
0.4066

52.0524, 0.3398,
0.3511

32.5825, 0.4554,
0.4166


57.0433, 0.3225,
0.3373

29.7031, 0.4805,
0.4227


62.4241, 0.3072,
0.3242


27.1297, 0.5034,
0.4240


68.2043, 0.2939,
0.3121


 24.8445, 0.5229,
0.4199

 74.3929, 0.2822,
0.3008

 24.0534, 0.5297,
0.4176

 79.7989, 0.2814,
0.3084

 85.3213, 0.2820,
0.3184

 91.1304, 0.2826,
0.3282

Harmonies

Analogous

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



43.1985, 0.3872, 0.3530



43.1985, 0.3809, 0.3800



43.1985, 0.3559, 0.3953

Triad

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



43.1985, 0.3809, 0.3800



43.1985, 0.2562, 0.3318



43.1985, 0.3017, 0.2750

Complementary

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



43.1985, 0.3809, 0.3800



35.6473, 0.2543, 0.2716

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.



43.1985, 0.2685, 0.2679



43.1985, 0.3809, 0.3800



43.1985, 0.2436, 0.2979

Square

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



43.1985, 0.3809, 0.3800



43.1985, 0.2838, 0.3674



43.1985, 0.2480, 0.2754



43.1985, 0.3399, 0.2945

Rectangle

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



43.1985, 0.3809, 0.3800



43.1985, 0.3326, 0.3952



43.1985, 0.2480, 0.2754



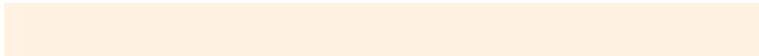
43.1985, 0.2896, 0.2711

Sweetspot

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



43.2005, 0.3809, 0.3800



90.3793, 0.3307, 0.3440



31.5029, 0.3586, 0.2851



19.1029, 0.3330, 0.3459



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.



43.2005, 0.3809, 0.3800



66.1771, 0.4004, 0.3917



57.2719, 0.3647, 0.4191



12.2020, 0.3277, 0.3415



15.3325, 0.5277, 0.4192



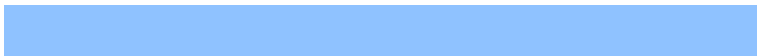
0.9417, 0.5009, 0.4405

Inverse Universe

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



35.6473, 0.2543, 0.2716



51.7670, 0.2405, 0.2556



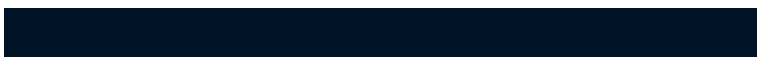
25.2730, 0.2493, 0.2212



11.6786, 0.2983, 0.3161



7.9275, 0.1738, 0.1458



0.5601, 0.1842, 0.1832

Previews

White Background



This preview shows how the Yxy color 43.1985, 0.3809, 0.3800 looks on a white background.

Color Contrast Check

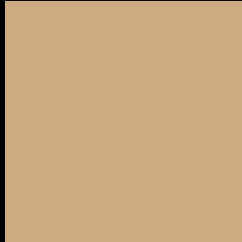
Large Text (above 18pt) WCAG AA × Fail

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 43.1985, 0.3809, 0.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

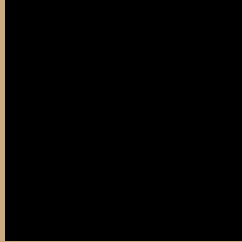
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1985, 0.3809, 0.3800

Background



This preview shows how black text looks on a background with the Yxy color 43.1985, 0.3809, 0.3800.



This preview shows how white text looks on a background with the Yxy color 43.1985, 0.3809, 0.3800.

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

43.1985, 0.3809, 0.3800

Protanopia

43.4080, 0.3613, 0.3879

Deuteranopia

43.3975, 0.3853, 0.3781



Tritanopia

43.2408, 0.3446, 0.3143

Trichromacy



Original Color

43.1985, 0.3809, 0.3800

Protanomaly

43.3801, 0.3687, 0.3855

Deuteranomaly

43.2530, 0.3843, 0.3782

Tritanomaly

43.0410, 0.3582, 0.3379

Monochromacy



Original Color

43.1985, 0.3809, 0.3800

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.2144, 0.3364, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1985, 0.3809, 0.3800 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(204, 170, 130)` looks like.

```
.text, #text, p{  
    color:rgb(204, 170, 130)  
}
```

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(204, 170, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 170, 130) }
```

Border

The CSS property to change the border of an element to Yxy 43.1985, 0.3809, 0.3800 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(204, 170, 130) }
```

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

```
.border{ border-color:rgb(204, 170, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 170, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 170, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 170, 130);  
box-shadow:4px 4px 4px 4px rgb(204, 170,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1985, 0.3809, 0.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 170, 130) }
```

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

```
.background{ background-color: rgb(204,  
170, 130) }
```

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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