

Converting Colors

$Yxy(43.0988, 0.3844, 0.3973)$

Have a look what the booklet for
Yxy(43.0988, 0.3844, 0.3973)
contains.

Yxy(42.9791, 0.3849, 0.3973)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.9791, 0.3849, 0.3973)

Conversions

Conversions Part 1

Format	Color
Hex	C7AC77
RGB	199, 172, 119
RGB Percent	78%, 67%, 47%
CMY	0.2196, 0.3255, 0.5332
CMYK	0.00, 0.14, 0.40, 0.22
HSL	40°, 42%, 62%
HSV	40°, 40%, 78%
XYZ	41.6377, 42.9791, 23.5612
YIQ	174.0310, 33.1050, -10.7590

Conversions

Conversions Part 2

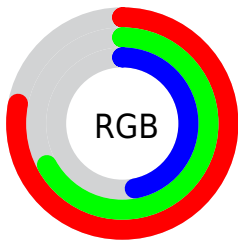
Format	Color
R _Y B	160, 199, 119
Decimal	13085815
CIE Lab	71.54, 2.41, 30.86
CIE LCh	72, 30.954, 85.537
Yxy	42.9791, 0.3849, 0.3973
Android (android.graphics.Color)	4291275895 (0xFFC7AC77)
YUV	174.0310, -27.1303, 21.8978
Hunter-Lab	65.5584, -1.3578, 24.5826

Details

The Yxy color **42.9791, 0.3849, 0.3973** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.6139, 0.2455, 0.2491**, and the grayscale version is **42.4757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1767, 0.3704, 0.3850**, and **19.8044, 0.4049, 0.4150** is the 20% darker color. If you saturate the color by 10%, you get **40.0585, 0.4059, 0.4135**, and if you desaturate by 10%, it is **46.1331, 0.3648, 0.3801**.

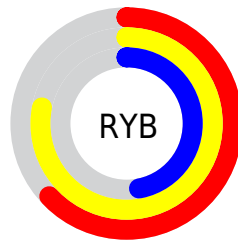
Distribution



Red (78%)

Green (67%)

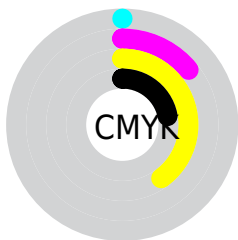
Blue (47%)



Red (63%)

Yellow (78%)

Blue (47%)

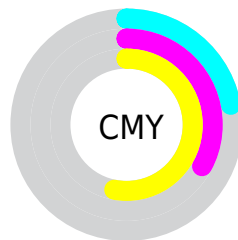


Cyan (0%)

Magenta (14%)

Yellow (40%)

Black (22%)



Cyan (22%)


Magenta (33%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9791, 0.3849, 0.3973 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 42.9791, 0.3849, 0.3973 by changing the saturation by 10% instead.

 42.9791, 0.3849,
0.3973


 42.9791, 0.3849,
0.3973


358.5258, 0.3488,
0.3635

 29.8687, 0.3937,
0.4054


 79.6793, 0.3719,
0.3852

 19.7390, 0.4048,
0.4155


 104.0379, 0.3669,
0.3806

 12.2054, 0.4191,
0.4284


 132.9148, 0.3628,
0.3767

 6.8837, 0.4378,
0.4448

166.6942, 0.3592,
0.3733

 3.3895, 0.4680,
0.4710

205.7606, 0.3560,
0.3704

 1.3383, 0.5024,
0.4976

250.4984, 0.3533,

 0.1706, 0.5643,

0.3678

0.4357

301.2920, 0.3509,
0.3655

0.0000, 0.0000,
0.0000

42.9791, 0.3849,
0.3973

42.9791, 0.3849,
0.3973

40.0585, 0.4059,
0.4135

46.1331, 0.3648,
0.3801

37.3572, 0.4270,
0.4277

49.5222, 0.3459,
0.3627

34.8682, 0.4475,
0.4388

53.1555, 0.3287,
0.3456

32.5815, 0.4661,
0.4457

57.0396, 0.3130,
0.3293

30.4857, 0.4820,
0.4476

61.1811, 0.2989,
0.3140

■ 28.5955, 0.4949,
0.4453

■ 65.5860, 0.2864,
0.2997

■ 70.0439, 0.2771,
0.2899

■ 73.6216, 0.2777,
0.2974

■ 77.3424, 0.2782,
0.3048

Harmonies

Analogous

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



42.9791, 0.4013, 0.3685



42.9791, 0.3849, 0.3973



42.9791, 0.3493, 0.4094

Triad

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



42.9791, 0.3849, 0.3973



42.9791, 0.2389, 0.3166



42.9791, 0.3151, 0.2725

Complementary

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



42.9791, 0.3849, 0.3973



28.6139, 0.2455, 0.2491

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.



42.9791, 0.2728, 0.2586



42.9791, 0.3849, 0.3973



42.9791, 0.2312, 0.2806

Square

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



42.9791, 0.3849, 0.3973



42.9791, 0.2653, 0.3606



42.9791, 0.2431, 0.2608



42.9791, 0.3597, 0.2989

Rectangle

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



42.9791, 0.3849, 0.3973



42.9791, 0.3202, 0.4037



42.9791, 0.2431, 0.2608



42.9791, 0.3001, 0.2662

Sweetspot

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



42.9811, 0.3849, 0.3973



91.7680, 0.3320, 0.3489



27.4495, 0.3772, 0.2923



19.4588, 0.3342, 0.3512



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.



42.9811, 0.3849, 0.3973



70.8710, 0.4027, 0.4112



52.7477, 0.3618, 0.4313



11.7904, 0.3273, 0.3443



18.5538, 0.4936, 0.4463



1.0085, 0.4744, 0.4615

Inverse Universe

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



28.6139, 0.2455, 0.2491



42.4174, 0.2303, 0.2284



22.1503, 0.2494, 0.2103



10.8630, 0.2983, 0.3133



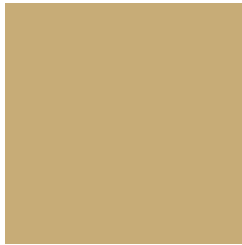
5.3935, 0.1641, 0.1106



0.3898, 0.1761, 0.1539

Previews

White Background



This preview shows how the Yxy color 42.9791, 0.3849, 0.3973 looks on a white background.

Color Contrast Check

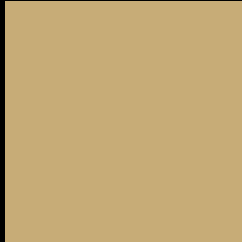
Large Text (above 18pt) WCAG AA × Fail

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 42.9791, 0.3849, 0.3973 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 42.9791, 0.3849, 0.3973

Background



This preview shows how black text looks on a background with the Yxy color 42.9791, 0.3849, 0.3973.



This preview shows how white text looks on a background with the Yxy color 42.9791, 0.3849, 0.3973.

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

42.9791, 0.3849, 0.3973

Protanopia

42.9632, 0.3739, 0.4020

Deuteranopia

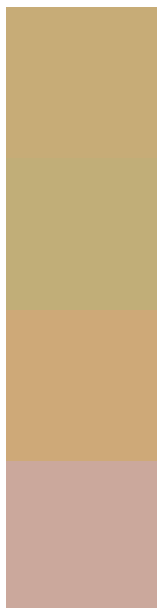
43.0630, 0.3969, 0.3887



Tritanopia

43.0637, 0.3397, 0.3141

Trichromacy



Original Color

42.9791, 0.3849, 0.3973

Protanomaly

42.9656, 0.3772, 0.4000

Deuteranomaly

42.8538, 0.3924, 0.3908

Tritanomaly

43.1021, 0.3566, 0.3444

Monochromacy



Original Color

42.9791, 0.3849, 0.3973

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.2875, 0.3381, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9791, 0.3849, 0.3973 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(199, 172, 119)` looks like.

```
.text, #text, p{  
    color:rgb(199, 172, 119)  
}
```

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(199, 172, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 172, 119) }
```

Border

The CSS property to change the border of an element to Yxy 42.9791, 0.3849, 0.3973 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(199, 172, 119) }
```

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

```
.border{ border-color:rgb(199, 172, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 172, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 172, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 172, 119);  
box-shadow:4px 4px 4px 4px rgb(199, 172,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9791, 0.3849, 0.3973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 172, 119) }
```

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

```
.background{ background-color: rgb(199,  
172, 119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor