

Converting Colors

$Yxy(42.9846, 0.3826, 0.3992)$

Have a look what the booklet for
Yxy(42.9846, 0.3826, 0.3992)
contains.

Yxy(43.0894, 0.3825, 0.3990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.0894, 0.3825, 0.3990)

Conversions

Conversions Part 1

Format	Color
Hex	C5AD77
RGB	197, 173, 119
RGB Percent	77%, 68%, 47%
CMY	0.2273, 0.3216, 0.5333
CMYK	0.00, 0.12, 0.40, 0.23
HSL	42°, 40%, 62%
HSV	42°, 40%, 77%
XYZ	41.3075, 43.0894, 23.5966
YIQ	174.0200, 31.6380, -11.7060

Conversions

Conversions Part 2

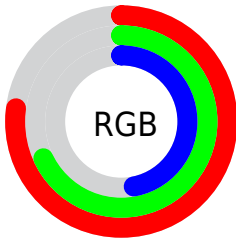
Format	Color
RYB	154, 197, 119
Decimal	12954999
CIELab	71.62, 1.08, 30.93
CIELCh	72, 30.948, 88.000
Yxy	43.0894, 0.3825, 0.3990
Android (android.graphics.Color)	4291145079 (0xFFC5AD77)
YUV	174.0200, -27.1249, 20.1535
Hunter-Lab	65.6425, -2.5480, 24.6367

Details

The Yxy color **43.0894, 0.3825, 0.3990** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.6196, 0.2460, 0.2469**, and the grayscale version is **42.4716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7254, 0.3700, 0.3860**, and **19.8677, 0.4013, 0.4175** is the 20% darker color. If you saturate the color by 10%, you get **40.3897, 0.4027, 0.4159**, and if you desaturate by 10%, it is **45.9972, 0.3630, 0.3811**.

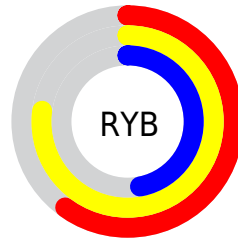
Distribution



Red (77%)

Green (68%)

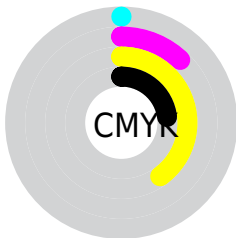
Blue (47%)



Red (60%)

Yellow (77%)

Blue (47%)

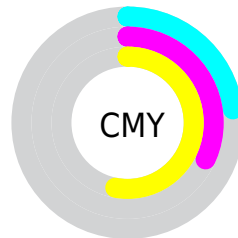


Cyan (0%)

Magenta (12%)

Yellow (40%)

Black (23%)



Cyan (23%)


Magenta (32%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0894, 0.3825, 0.3990 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 43.0894, 0.3825, 0.3990 by changing the saturation by 10% instead.

 43.0894, 0.3825,
0.3990


 43.0894, 0.3825,
0.3990


358.9793, 0.3476,
0.3642


 29.9553, 0.3910,
0.4074


 79.8458, 0.3699,
0.3865

 19.8046, 0.4016,
0.4179


 104.2368, 0.3652,
0.3818

 12.2531, 0.4153,
0.4313


 133.1488, 0.3612,
0.3777

 6.9163, 0.4331,
0.4486

166.9664, 0.3577,
0.3743

 3.4098, 0.4618,
0.4763

206.0738, 0.3547,
0.3713

 1.3492, 0.4941,
0.5059

250.8555, 0.3520,

 0.1789, 0.5233,

0.3686

0.4767

301.6959, 0.3497,
0.3663

0.0000, 0.0000,
0.0000

43.0894, 0.3825,
0.3990

43.0894, 0.3825,
0.3990

40.3897, 0.4027,
0.4159

45.9972, 0.3630,
0.3811

37.8844, 0.4229,
0.4308

49.1139, 0.3446,
0.3630

35.5676, 0.4422,
0.4426

52.4481, 0.3276,
0.3453


33.4298, 0.4597,
0.4503


56.0060, 0.3121,
0.3283

31.4606, 0.4744,
0.4532


59.7932, 0.2982,
0.3124


 29.6417, 0.4864,
0.4517

 63.8155, 0.2856,
0.2976

 29.5711, 0.4869,
0.4516

 67.9524, 0.2756,
0.2858

 71.1125, 0.2761,
0.2926

 74.3888, 0.2766,
0.2994

Harmonies

Analogous

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



43.0894, 0.4008, 0.3712



43.0894, 0.3825, 0.3990



43.0894, 0.3458, 0.4093

Triad

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



43.0894, 0.3825, 0.3990



43.0894, 0.2376, 0.3132



43.0894, 0.3189, 0.2743

Complementary

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



43.0894, 0.3825, 0.3990



27.6196, 0.2460, 0.2469

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.



43.0894, 0.2759, 0.2592



43.0894, 0.3825, 0.3990



43.0894, 0.2316, 0.2783

Square

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



43.0894, 0.3825, 0.3990



43.0894, 0.2626, 0.3570



43.0894, 0.2450, 0.2600



43.0894, 0.3630, 0.3016

Rectangle

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



43.0894, 0.3825, 0.3990



43.0894, 0.3165, 0.4021



43.0894, 0.2450, 0.2600



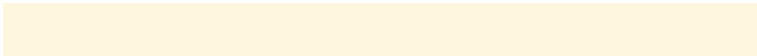
43.0894, 0.3038, 0.2677

Sweetspot

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



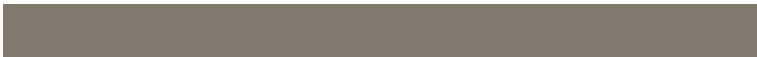
43.0914, 0.3825, 0.3990



92.3130, 0.3319, 0.3498



27.0777, 0.3791, 0.2963



19.5874, 0.3341, 0.3521



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.



43.0914, 0.3825, 0.3990



72.7098, 0.4009, 0.4145



51.3172, 0.3588, 0.4305



11.8440, 0.3273, 0.3449



19.5955, 0.4858, 0.4525



1.0521, 0.4688, 0.4660

Inverse Universe

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



27.6196, 0.2460, 0.2469



41.0456, 0.2295, 0.2237



22.2425, 0.2529, 0.2131



10.8119, 0.2983, 0.3126



4.9585, 0.1620, 0.1032



0.3650, 0.1740, 0.1465

Previews

White Background



This preview shows how the Yxy color 43.0894, 0.3825, 0.3990 looks on a white background.

Color Contrast Check

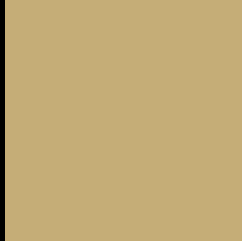
Large Text (above 18pt) WCAG AA × Fail

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 43.0894, 0.3825, 0.3990 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 43.0894, 0.3825, 0.3990

Background



This preview shows how black text looks on a background with the Yxy color 43.0894, 0.3825, 0.3990.



This preview shows how white text looks on a background with the Yxy color 43.0894, 0.3825, 0.3990.

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

43.0894, 0.3825, 0.3990

Protanopia

42.9632, 0.3739, 0.4020

Deuteranopia

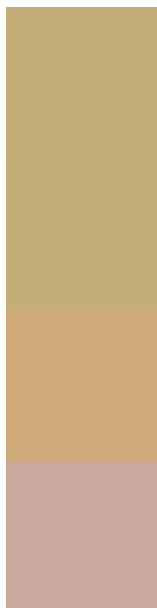
43.0630, 0.3969, 0.3887



Tritanopia

42.8211, 0.3369, 0.3128

Trichromacy



Original Color

43.0894, 0.3825, 0.3990

Protanomaly

42.9656, 0.3772, 0.4000

Deuteranomaly

43.0847, 0.3909, 0.3922

Tritanomaly

42.8571, 0.3538, 0.3432

Monochromacy



Original Color

43.0894, 0.3825, 0.3990

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.5503, 0.3370, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0894, 0.3825, 0.3990 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(197, 173, 119)` looks like.

```
.text, #text, p{  
    color:rgb(197, 173, 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(197, 173, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 173, 119) }
```

Border

The CSS property to change the border of an element to Yxy 43.0894, 0.3825, 0.3990 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(197, 173, 119) }
```

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

```
.border{ border-color:rgb(197, 173, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 173, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 173, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 173, 119);  
box-shadow:4px 4px 4px 4px rgb(197, 173,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0894, 0.3825, 0.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 173, 119) }
```

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

```
.background{ background-color: rgb(197,  
173, 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](#).

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