

Converting Colors

$Y_{xy}(43.5099, 0.3792, 0.3910)$

Have a look what the booklet for
Yxy(43.5099, 0.3792, 0.3910)
contains.

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Color

Yxy(43.5099, 0.3792, 0.3910)

Conversions

Conversions Part 1

Format	Color
Hex	C7AD7D
RGB	199, 173, 125
RGB Percent	78%, 68%, 49%
CMY	0.2196, 0.3215, 0.5098
CMYK	0.00, 0.13, 0.37, 0.22
HSL	39°, 40%, 64%
HSV	39°, 37%, 78%
XYZ	42.1968, 43.5099, 25.5718
YIQ	175.3020, 30.9040, -9.4160

Conversions

Conversions Part 2

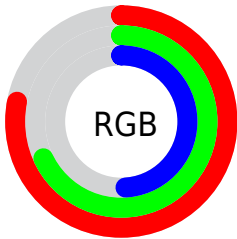
Format	Color
RYB	165, 199, 125
Decimal	13086077
CIELab	71.90, 2.55, 28.16
CIELCh	72, 28.272, 84.817
Yxy	43.5099, 0.3792, 0.3910
Android (android.graphics.Color)	4291276157 (0xFFC7AD7D)
YUV	175.3020, -24.7989, 20.7831
Hunter-Lab	65.9620, -1.2447, 23.1882

Details

The Yxy color **43.5099, 0.3792, 0.3910** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.6079, 0.2511, 0.2576**, and the grayscale version is **43.1536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9612, 0.3659, 0.3799**, and **20.1120, 0.3983, 0.4086** is the 20% darker color. If you saturate the color by 10%, you get **40.4429, 0.4003, 0.4073**, and if you desaturate by 10%, it is **46.8230, 0.3592, 0.3740**.

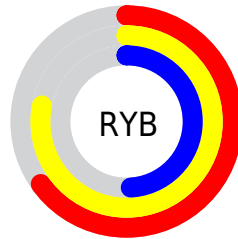
Distribution



Red (78%)

Green (68%)

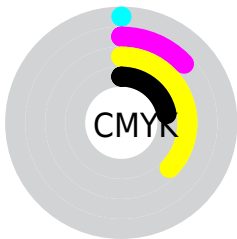
Blue (49%)



Red (65%)

Yellow (78%)

Blue (49%)

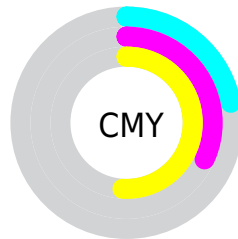


Cyan (0%)

Magenta (13%)

Yellow (37%)

Black (22%)



Cyan (22%)


Magenta (32%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5099, 0.3792, 0.3910 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 43.5099, 0.3792, 0.3910 by changing the saturation by 10% instead.


 43.5099, 0.3792,
0.3910


 43.5099, 0.3792,
0.3910


360.7045, 0.3459,
0.3603


 30.2854, 0.3874,
0.3984


 80.4798, 0.3671,
0.3800

 20.0553, 0.3978,
0.4077


 104.9939, 0.3626,
0.3758

 12.4353, 0.4112,
0.4197


 134.0400, 0.3587,
0.3722

 7.0408, 0.4292,
0.4352

168.0026, 0.3554,
0.3692

 3.4877, 0.4550,
0.4570

207.2659, 0.3526,
0.3665

 1.3913, 0.5031,
0.4969

252.2144, 0.3500,

 0.2103, 0.5549,

0.3642

0.4451

303.2325, 0.3478,
0.3621

0.0000, 0.0000,
0.0000

43.5099, 0.3792,
0.3910

43.5099, 0.3792,
0.3910

40.4429, 0.4003,
0.4073

46.8230, 0.3592,
0.3740

37.6077, 0.4219,
0.4220

50.3838, 0.3407,
0.3569

34.9974, 0.4432,
0.4339

54.2017, 0.3238,
0.3404

32.6021, 0.4631,
0.4419

58.2833, 0.3086,
0.3247

30.4105, 0.4805,
0.4451

62.6353, 0.2950,
0.3100

■ 28.4081, 0.4948,
0.4433

■ 67.2639, 0.2829,
0.2963

■ 27.8730, 0.4986,
0.4423

■ 71.5626, 0.2773,
0.2931

■ 75.3501, 0.2779,
0.3009

■ 79.2933, 0.2785,
0.3085

Harmonies

Analogous

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



43.5099, 0.3934, 0.3648



43.5099, 0.3792, 0.3910



43.5099, 0.3472, 0.4019

Triad

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



43.5099, 0.3792, 0.3910



43.5099, 0.2456, 0.3190



43.5099, 0.3141, 0.2767

Complementary

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



43.5099, 0.3792, 0.3910



30.6079, 0.2511, 0.2576

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.



43.5099, 0.2756, 0.2643



43.5099, 0.3792, 0.3910



43.5099, 0.2380, 0.2857

Square

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



43.5099, 0.3792, 0.3910



43.5099, 0.2704, 0.3586



43.5099, 0.2486, 0.2669



43.5099, 0.3546, 0.3009

Rectangle

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



43.5099, 0.3792, 0.3910



43.5099, 0.3208, 0.3969



43.5099, 0.2486, 0.2669



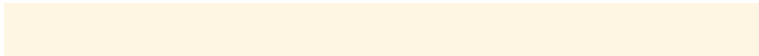
43.5099, 0.3005, 0.2711

Sweetspot

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



43.5119, 0.3792, 0.3910



92.1990, 0.3303, 0.3469



29.0768, 0.3690, 0.2935



19.5371, 0.3326, 0.3491



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.



43.5119, 0.3792, 0.3910



71.6118, 0.3970, 0.4049



53.1602, 0.3595, 0.4233



11.7659, 0.3274, 0.3440



18.0935, 0.4972, 0.4434



0.9890, 0.4770, 0.4595

Inverse Universe

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



30.6079, 0.2511, 0.2576



45.6801, 0.2361, 0.2378



23.9265, 0.2539, 0.2201



10.8866, 0.2983, 0.3136



5.6083, 0.1651, 0.1142



0.4017, 0.1771, 0.1574

Previews

White Background



This preview shows how the Yxy color 43.5099, 0.3792, 0.3910 looks on a white background.

Color Contrast Check

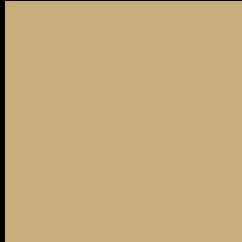
Large Text (above 18pt) WCAG AA × Fail

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 43.5099, 0.3792, 0.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

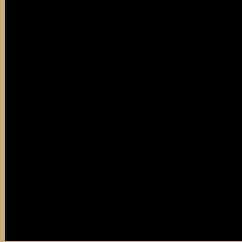
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5099, 0.3792, 0.3910

Background



This preview shows how black text looks on a background with the Yxy color 43.5099, 0.3792, 0.3910.



This preview shows how white text looks on a background with the Yxy color 43.5099, 0.3792, 0.3910.

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

43.5099, 0.3792, 0.3910

Protanopia

43.5042, 0.3683, 0.3954

Deuteranopia

43.4376, 0.3899, 0.3828



Tritanopia

43.5062, 0.3377, 0.3129

Trichromacy



Original Color

43.5099, 0.3792, 0.3910

Protanomaly

43.5038, 0.3716, 0.3935

Deuteranomaly

43.2349, 0.3855, 0.3848

Tritanomaly

43.5756, 0.3536, 0.3418

Monochromacy



Original Color

43.5099, 0.3792, 0.3910

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8968, 0.3362, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5099, 0.3792, 0.3910 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, 173, 125)` looks like.

```
.text, #text, p{  
    color:rgb(199, 173, 125)  
}
```

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, 173, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 173, 125) }
```

Border

The CSS property to change the border of an element to Yxy 43.5099, 0.3792, 0.3910 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, 173, 125) }
```

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

```
.border{ border-color:rgb(199, 173, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 173, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 173, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 173, 125);  
box-shadow:4px 4px 4px 4px rgb(199, 173,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5099, 0.3792, 0.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 173, 125) }
```

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

```
.background{ background-color: rgb(199,  
173, 125) }
```

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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