

Converting Colors

$Yxy(43.0498, 0.3716, 0.3859)$

Have a look what the booklet for
Yxy(43.0498, 0.3716, 0.3859)
contains.

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Color

Yxy(43.0742, 0.3718, 0.3867)

Conversions

Conversions Part 1

Format	Color
Hex	C3AD81
RGB	195, 173, 129
RGB Percent	76%, 68%, 51%
CMY	0.2352, 0.3216, 0.4941
CMYK	0.00, 0.11, 0.34, 0.24
HSL	40°, 35%, 64%
HSV	40°, 34%, 76%
XYZ	41.4145, 43.0742, 26.9005
YIQ	174.5620, 27.2360, -9.0200

Conversions

Conversions Part 2

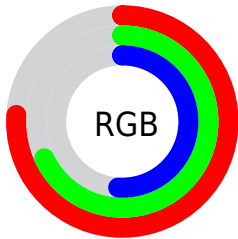
Format	Color
RYB	162, 195, 129
Decimal	12823937
CIELab	71.61, 1.45, 25.55
CIELCh	72, 25.589, 86.749
Yxy	43.0742, 0.3718, 0.3867
Android (android.graphics.Color)	4291014017 (0xFFC3AD81)
YUV	174.5620, -22.4621, 17.9241
Hunter-Lab	65.6309, -2.2169, 21.6402

Details

The Yxy color $43.0742, 0.3718, 0.3867$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $30.7468, 0.2568, 0.2634$, and the grayscale version is $42.7410, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.5597, 0.3609, 0.3762$, and $19.8147, 0.3883, 0.4036$ is the 20% darker color. If you saturate the color by 10%, you get $40.1722, 0.3922, 0.4037$, and if you desaturate by 10%, it is $46.2006, 0.3525, 0.3692$.

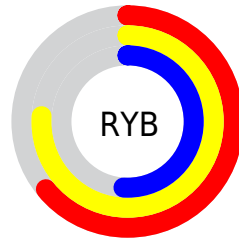
Distribution



Red (76%)

Green (68%)

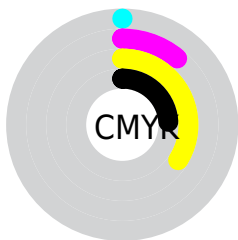
Blue (51%)



Red (64%)

Yellow (76%)

Blue (51%)

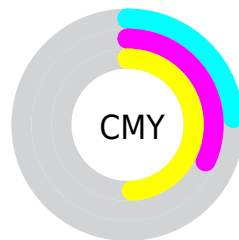


Cyan (0%)

Magenta (11%)

Yellow (34%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0742, 0.3718, 0.3867 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 43.0742, 0.3718, 0.3867 by changing the saturation by 10% instead.


 43.0742, 0.3718,
0.3867


 43.0742, 0.3718,
0.3867


358.9168, 0.3421,
0.3579


 29.9433, 0.3792,
0.3938


 79.8228, 0.3610,
0.3763

 19.7956, 0.3885,
0.4027


 104.2094, 0.3570,
0.3724

 12.2465, 0.4008,
0.4143

 133.1166, 0.3535,
0.3690

 6.9118, 0.4173,
0.4298

166.9289, 0.3506,
0.3662

 3.4070, 0.4405,
0.4512

206.0307, 0.3480,
0.3637

 1.3477, 0.4964,
0.5036

250.8063, 0.3458,

 0.1777, 0.5348,

0.3615

0.4652

301.6403, 0.3438,
0.3596

0.0000, 0.0000,
0.0000

43.0742, 0.3718,
0.3867

43.0742, 0.3718,
0.3867

40.1722, 0.3922,
0.4037

46.2006, 0.3525,
0.3692

37.4813, 0.4132,
0.4194

49.5522, 0.3347,
0.3519

34.9954, 0.4340,
0.4327

53.1376, 0.3185,
0.3352

32.7059, 0.4537,
0.4424

56.9629, 0.3039,
0.3194

30.6029, 0.4712,
0.4477

61.0339, 0.2908,
0.3047

■ 28.6747, 0.4858,
0.4479

■ 65.3563, 0.2792,
0.2910

■ 27.5636, 0.4936,
0.4463

■ 69.2397, 0.2746,
0.2891

■ 72.6901, 0.2752,
0.2964

■ 76.2744, 0.2758,
0.3036

Harmonies

Analogous

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



43.0742, 0.3858, 0.3638



43.0742, 0.3718, 0.3867



43.0742, 0.3421, 0.3950

Triad

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



43.0742, 0.3718, 0.3867



43.0742, 0.2506, 0.3179



43.0742, 0.3165, 0.2823

Complementary

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



43.0742, 0.3718, 0.3867



30.7468, 0.2568, 0.2634

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.



43.0742, 0.2810, 0.2702



43.0742, 0.3718, 0.3867



43.0742, 0.2446, 0.2883

Square

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



43.0742, 0.3718, 0.3867



43.0742, 0.2724, 0.3536



43.0742, 0.2553, 0.2718



43.0742, 0.3530, 0.3051

Rectangle

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



43.0742, 0.3718, 0.3867



43.0742, 0.3179, 0.3893



43.0742, 0.2553, 0.2718



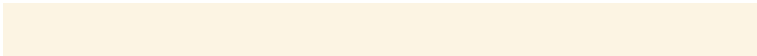
43.0742, 0.3041, 0.2769

Sweetspot

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



43.0762, 0.3718, 0.3867



91.0569, 0.3286, 0.3456



29.5757, 0.3634, 0.2982



19.7417, 0.3309, 0.3480



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.



43.0762, 0.3718, 0.3867



73.0552, 0.3876, 0.4000



50.9501, 0.3544, 0.4150



11.1740, 0.3273, 0.3443



18.0716, 0.4923, 0.4473



0.9033, 0.4722, 0.4633

Inverse Universe

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



30.7468, 0.2568, 0.2634



47.4998, 0.2429, 0.2452



25.1226, 0.2613, 0.2316



10.2846, 0.2984, 0.3132



5.1599, 0.1638, 0.1098



0.3513, 0.1768, 0.1565

Previews

White Background



This preview shows how the Yxy color 43.0742, 0.3718, 0.3867 looks on a white background.

Color Contrast Check

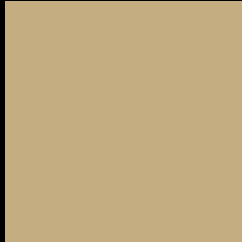
Large Text (above 18pt) WCAG AA × Fail

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 43.0742, 0.3718, 0.3867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

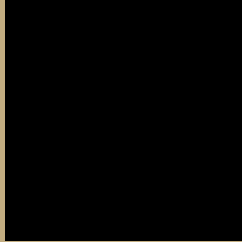
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0742, 0.3718, 0.3867

Background



This preview shows how black text looks on a background with the Yxy color 43.0742, 0.3718, 0.3867.



This preview shows how white text looks on a background with the Yxy color 43.0742, 0.3718, 0.3867.

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

43.0742, 0.3718, 0.3867

Protanopia

42.9630, 0.3633, 0.3893

Deuteranopia

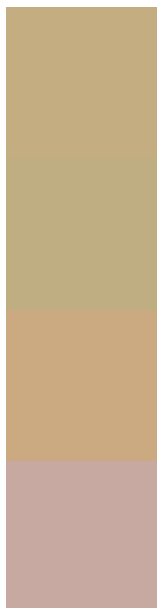
42.8824, 0.3848, 0.3770



Tritanopia

42.9446, 0.3340, 0.3127

Trichromacy



Original Color

43.0742, 0.3718, 0.3867

Protanomaly

42.9602, 0.3666, 0.3874

Deuteranomaly

43.0577, 0.3800, 0.3802

Tritanomaly

43.0913, 0.3479, 0.3394

Monochromacy



Original Color

43.0742, 0.3718, 0.3867

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.6858, 0.3335, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0742, 0.3718, 0.3867 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(195, 173, 129)` looks like.

```
.text, #text, p{  
    color:rgb(195, 173, 129)  
}
```

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(195, 173, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 173, 129) }
```

Border

The CSS property to change the border of an element to Yxy 43.0742, 0.3718, 0.3867 is called "border". The border property can be set on classes, ids or directly on the HTML element.

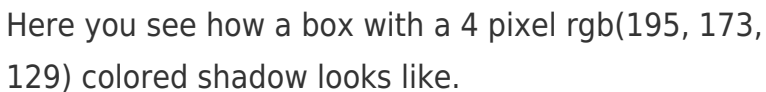
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 173, 129) }
```

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

```
.border{ border-color:rgb(195, 173, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 173, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 173, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 173, 129); box-shadow:4px 4px 4px 4px rgb(195, 173, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0742, 0.3718, 0.3867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 173, 129) }
```

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

```
.background{ background-color: rgb(195,  
173, 129) }
```

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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