

Converting Colors

$Yxy(48.6641, 0.3527, 0.3733)$

Have a look what the booklet for
Yxy(48.6641, 0.3527, 0.3733)
contains.

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Color

Yxy(48.4888, 0.3528, 0.3724)

Conversions

Conversions Part 1

Format	Color
Hex	C6B896
RGB	198, 184, 150
RGB Percent	78%, 72%, 59%
CMY	0.2234, 0.2784, 0.4119
CMYK	0.00, 0.07, 0.24, 0.22
HSL	42°, 30%, 68%
HSV	42°, 24%, 78%
XYZ	45.9368, 48.4888, 35.7807
YIQ	184.3100, 19.2580, -7.6060

Conversions

Conversions Part 2

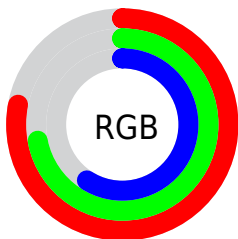
Format	Color
RYB	170, 198, 150
Decimal	13023382
CIELab	75.13, -0.43, 19.11
CIELCh	75, 19.114, 91.282
Yxy	48.4888, 0.3528, 0.3724
Android (android.graphics.Color)	4291213462 (0xFFC6B896)
YUV	184.3100, -16.9148, 12.0061
Hunter-Lab	69.6339, -4.1047, 18.2782

Details

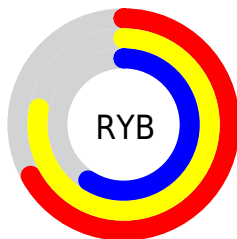
The Yxy color **48.4888, 0.3528, 0.3724** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.1094, 0.2734, 0.2814**, and the grayscale version is **48.2019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9398, 0.3457, 0.3650**, and **23.0627, 0.3643, 0.3841** is the 20% darker color. If you saturate the color by 10%, you get **45.5540, 0.3715, 0.3909**, and if you desaturate by 10%, it is **51.6339, 0.3353, 0.3541**.

Distribution



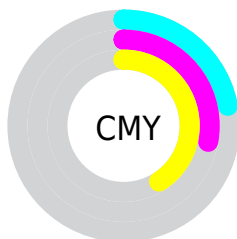
- Red (78%)
- Green (72%)
- Blue (59%)



- Red (67%)
- Yellow (78%)
- Blue (59%)



- Cyan (0%)
- Magenta (7%)
- Yellow (24%)
- Black (22%)





- Cyan (22%)
- Magenta (28%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4888, 0.3528, 0.3724 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 48.4888, 0.3528, 0.3724 by changing the saturation by 10% instead.


 48.4888, 0.3528,
0.3724


 48.4888, 0.3528,
0.3724


380.7264, 0.3330,
0.3509

 34.2141, 0.3577,
0.3777


 87.9317, 0.3457,
0.3646

 23.0582, 0.3638,
0.3844

 113.8688, 0.3430,
0.3617

 14.6365, 0.3719,
0.3932


144.4621, 0.3407,
0.3592

 8.5646, 0.3829,
0.4052

180.0961, 0.3387,
0.3571

 4.4583, 0.3985,
0.4223

221.1551, 0.3370,
0.3552

 1.9331, 0.4291,
0.4558

268.0235, 0.3355,

 0.5682, 0.4824,

0.3536

0.5176

321.0858, 0.3341,
0.3522

0.0000, 0.0000,
0.0000

48.4888, 0.3528,
0.3724

48.4888, 0.3528,
0.3724

45.5540, 0.3715,
0.3909

51.6339, 0.3353,
0.3541

42.8163, 0.3911,
0.4088

54.9889, 0.3191,
0.3363

40.2708, 0.4109,
0.4252

58.5618, 0.3045,
0.3195

37.9099, 0.4303,
0.4391

62.3581, 0.2913,
0.3037

35.7251, 0.4482,
0.4494

66.3832, 0.2795,
0.2891

■ 33.7068, 0.4638,
0.4552

■ 69.7220, 0.2765,
0.2895

■ 31.8434, 0.4764,
0.4560

■ 72.7840, 0.2770,
0.2959

■ 30.8329, 0.4826,
0.4550

■ 75.9518, 0.2774,
0.3023

■ 79.2262, 0.2779,
0.3086

Harmonies

Analogous

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



48.4888, 0.3645, 0.3578



48.4888, 0.3528, 0.3724



48.4888, 0.3305, 0.3754

Triad

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



48.4888, 0.3528, 0.3724



48.4888, 0.2660, 0.3179



48.4888, 0.3198, 0.2969

Complementary

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



48.4888, 0.3528, 0.3724



37.1094, 0.2734, 0.2814

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.



48.4888, 0.2936, 0.2866



48.4888, 0.3528, 0.3724



48.4888, 0.2634, 0.2975

Square

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



48.4888, 0.3528, 0.3724



48.4888, 0.2806, 0.3429



48.4888, 0.2732, 0.2865



48.4888, 0.3451, 0.3149

Rectangle

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



48.4888, 0.3528, 0.3724



48.4888, 0.3129, 0.3697



48.4888, 0.2732, 0.2865



48.4888, 0.3108, 0.2924

Sweetspot

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



48.4910, 0.3528, 0.3724



95.6244, 0.3236, 0.3413



36.5076, 0.3480, 0.3103



20.3887, 0.3245, 0.3423



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.



48.4910, 0.3528, 0.3724



83.1134, 0.3624, 0.3820



53.3434, 0.3408, 0.3906



11.8739, 0.3272, 0.3453



20.2001, 0.4816, 0.4558



1.0770, 0.4657, 0.4684

Inverse Universe

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



37.1094, 0.2734, 0.2814



59.5877, 0.2642, 0.2696



33.3134, 0.2800, 0.2627



10.7835, 0.2983, 0.3122



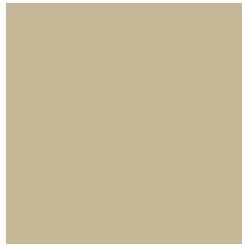
4.7351, 0.1609, 0.0994



0.3518, 0.1729, 0.1425

Previews

White Background



This preview shows how the Yxy color 48.4888, 0.3528, 0.3724 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 48.4888, 0.3528, 0.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

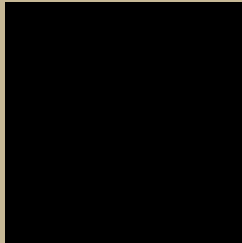
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

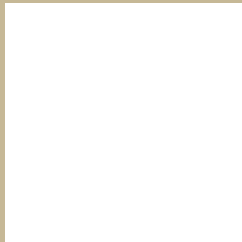
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4888, 0.3528, 0.3724

Background



This preview shows how black text looks on a background with the Yxy color 48.4888, 0.3528, 0.3724.

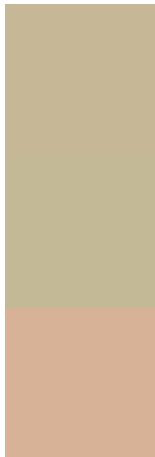


This preview shows how white text looks on a background with the Yxy color 48.4888, 0.3528, 0.3724.

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

48.4888, 0.3528, 0.3724

Protanopia

48.6357, 0.3507, 0.3739

Deuteranopia

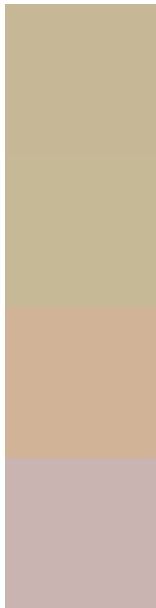
48.5222, 0.3694, 0.3619



Tritanopia

48.3431, 0.3231, 0.3120

Trichromacy



Original Color

48.4888, 0.3528, 0.3724

Protanomaly

48.7702, 0.3516, 0.3737

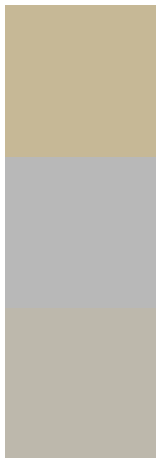
Deuteranomaly

48.4322, 0.3632, 0.3649

Tritanomaly

48.2343, 0.3336, 0.3328

Monochromacy



Original Color

48.4888, 0.3528, 0.3724

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.0784, 0.3266, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4888, 0.3528, 0.3724 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(198, 184, 150)` looks like.

```
.text, #text, p{  
    color:rgb(198, 184, 150)  
}
```

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(198, 184, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 184, 150) }
```

Border

The CSS property to change the border of an element to Yxy 48.4888, 0.3528, 0.3724 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(198, 184, 150) }
```

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

```
.border{ border-color:rgb(198, 184, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 184, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 184, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 184, 150);  
box-shadow:4px 4px 4px 4px rgb(198, 184,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4888, 0.3528, 0.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 184, 150) }
```

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

```
.background{ background-color: rgb(198,  
184, 150) }
```

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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