

Converting Colors

$Yxy(48.2927, 0.3503, 0.3741)$

Have a look what the booklet for
Yxy(48.2927, 0.3503, 0.3741)
contains.

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Color

Yxy(48.4700, 0.3506, 0.3753)

Conversions

Conversions Part 1

Format	Color
Hex	C3B995
RGB	195, 185, 149
RGB Percent	76%, 73%, 58%
CMY	0.2353, 0.2745, 0.4157
CMYK	0.00, 0.05, 0.24, 0.24
HSL	47°, 28%, 67%
HSV	47°, 24%, 76%
XYZ	45.2800, 48.4700, 35.4000
YIQ	183.8860, 17.5160, -9.0760

Conversions

Conversions Part 2

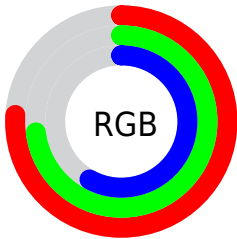
Format	Color
R _Y B	162, 195, 149
Decimal	12827029
CIE Lab	75.12, -2.26, 19.58
CIE LCh	75, 19.710, 96.572
Yxy	48.4700, 0.3506, 0.3753
Android (android.graphics.Color)	4291017109 (0xFFC3B995)
YUV	183.8860, -17.1988, 9.7470
Hunter-Lab	69.6204, -5.7422, 18.5870

Details

The Yxy color **48.4700, 0.3506, 0.3753** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.1244, 0.2742, 0.2780**, and the grayscale version is **47.9572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9178, 0.3441, 0.3672**, and **23.0471, 0.3612, 0.3883** is the 20% darker color. If you saturate the color by 10%, you get **46.1533, 0.3682, 0.3954**, and if you desaturate by 10%, it is **50.9482, 0.3338, 0.3552**.

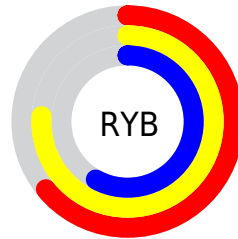
Distribution



Red (76%)

Green (73%)

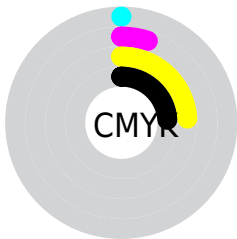
Blue (58%)



Red (64%)

Yellow (76%)

Blue (58%)

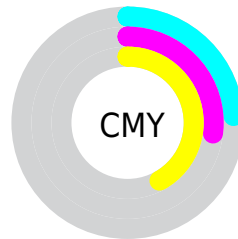


Cyan (0%)

Magenta (5%)

Yellow (24%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4700, 0.3506, 0.3753 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 48.4700, 0.3506, 0.3753 by changing the saturation by 10% instead.

■ 48.4700, 0.3506,
0.3753

■ 48.4700, 0.3506,
0.3753

380.6521, 0.3319,
0.3523

■ 34.1992, 0.3552,
0.3810

■ 87.9038, 0.3439,
0.3670

■ 23.0467, 0.3609,
0.3882

■ 113.8356, 0.3413,
0.3638

■ 14.6280, 0.3684,
0.3978

144.4232, 0.3392,
0.3612

■ 8.5587, 0.3786,
0.4108

180.0510, 0.3373,
0.3589

■ 4.4545, 0.3930,
0.4296

221.1034, 0.3357,
0.3569

■ 1.9309, 0.4225,
0.4677

267.9648, 0.3343,

■ 0.5669, 0.4604,

0.3552

0.5396

321.0195, 0.3330,
0.3536

0.0000, 0.0000,
0.0000

48.4700, 0.3506,
0.3753

48.4700, 0.3506,
0.3753

46.1533, 0.3682,
0.3954

50.9482, 0.3338,
0.3552

43.9859, 0.3863,
0.4149

53.5867, 0.3181,
0.3358

41.9640, 0.4041,
0.4328

56.3927, 0.3036,
0.3173

40.0809, 0.4210,
0.4481

59.3707, 0.2904,
0.2999

38.3291, 0.4362,
0.4598

62.5253, 0.2784,
0.2838

■ 36.7002, 0.4489,
0.4672

■ 65.1321, 0.2738,
0.2799

■ 35.1840, 0.4588,
0.4699

■ 67.2588, 0.2742,
0.2847

■ 34.2601, 0.4640,
0.4698

■ 69.4414, 0.2746,
0.2895

■ 71.6803, 0.2750,
0.2943

Harmonies

Analogous

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



48.4700, 0.3650, 0.3619



48.4700, 0.3506, 0.3753



48.4700, 0.3263, 0.3760

Triad

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



48.4700, 0.3506, 0.3753



48.4700, 0.2632, 0.3133



48.4700, 0.3249, 0.2987

Complementary

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



48.4700, 0.3506, 0.3753



35.1244, 0.2742, 0.2780

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.



48.4700, 0.2975, 0.2865



48.4700, 0.3506, 0.3753



48.4700, 0.2628, 0.2937

Square

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



48.4700, 0.3506, 0.3753



48.4700, 0.2762, 0.3388



48.4700, 0.2750, 0.2844



48.4700, 0.3500, 0.3182

Rectangle

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



48.4700, 0.3506, 0.3753



48.4700, 0.3080, 0.3684



48.4700, 0.2750, 0.2844



48.4700, 0.3157, 0.2936

Sweetspot

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



48.4722, 0.3506, 0.3753



94.2747, 0.3235, 0.3425



35.6247, 0.3498, 0.3149



20.5809, 0.3244, 0.3437



0.0000, 0.0000, 0.0000



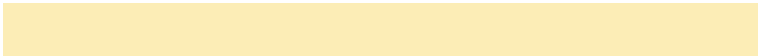
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.4722, 0.3506, 0.3753



84.7648, 0.3591, 0.3851



51.2373, 0.3374, 0.3893



11.3747, 0.3270, 0.3469



22.3934, 0.4632, 0.4704



1.0621, 0.4516, 0.4796

Inverse Universe

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



35.1244, 0.2742, 0.2780



56.9644, 0.2654, 0.2658



33.0381, 0.2838, 0.2653



10.0951, 0.2983, 0.3104



3.7583, 0.1567, 0.0841



0.2671, 0.1686, 0.1269

Previews

White Background



This preview shows how the Yxy color 48.4700, 0.3506, 0.3753 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 48.4700, 0.3506, 0.3753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

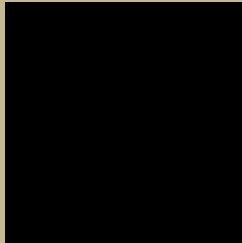
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

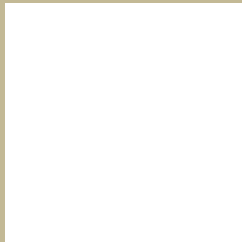
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4700, 0.3506, 0.3753

Background



This preview shows how black text looks on a background with the Yxy color 48.4700, 0.3506, 0.3753.



This preview shows how white text looks on a background with the Yxy color 48.4700, 0.3506, 0.3753.

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

48.4700, 0.3506, 0.3753

Protanopia

48.6036, 0.3515, 0.3752

Deuteranopia

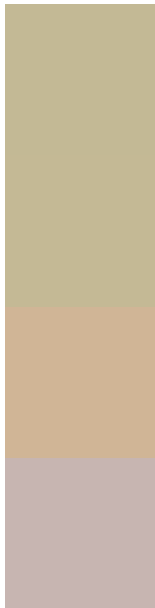
48.4899, 0.3703, 0.3631



Tritanopia

48.5080, 0.3204, 0.3119

Trichromacy



Original Color

48.4700, 0.3506, 0.3753

Protanomaly

48.6036, 0.3515, 0.3752

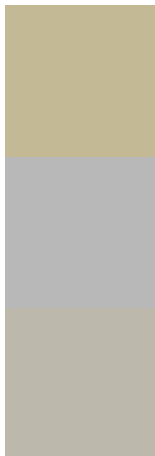
Deuteranomaly

48.6597, 0.3628, 0.3675

Tritanomaly

48.3642, 0.3316, 0.3341

Monochromacy



Original Color

48.4700, 0.3506, 0.3753

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.9126, 0.3265, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4700, 0.3506, 0.3753 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, 185, 149)` looks like.

```
.text, #text, p{  
    color:rgb(195, 185, 149)  
}
```

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, 185, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 185, 149) }
```

Border

The CSS property to change the border of an element to Yxy 48.4700, 0.3506, 0.3753 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, 185, 149) }
```

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

```
.border{ border-color:rgb(195, 185, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 185, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 185, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 185, 149);  
box-shadow:4px 4px 4px 4px rgb(195, 185,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4700, 0.3506, 0.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 185, 149) }
```

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

```
.background{ background-color: rgb(195,  
185, 149) }
```

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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