

Converting Colors

$Yxy(48.5884, 0.3536, 0.3787)$

Have a look what the booklet for
Yxy(48.5884, 0.3536, 0.3787)
contains.

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Color

Yxy(48.5090, 0.3540, 0.3790)

Conversions

Conversions Part 1

Format	Color
Hex	C4B992
RGB	196, 185, 146
RGB Percent	77%, 73%, 57%
CMY	0.2312, 0.2745, 0.4274
CMYK	0.00, 0.06, 0.26, 0.23
HSL	47°, 30%, 67%
HSV	47°, 26%, 77%
XYZ	45.3092, 48.5090, 34.1739
YIQ	183.8430, 19.0750, -9.7970

Conversions

Conversions Part 2

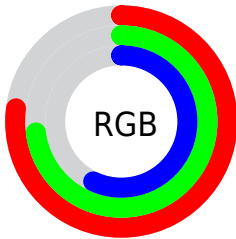
Format	Color
R _Y B	160, 196, 146
Decimal	12892562
CIE Lab	75.14, -2.28, 21.23
CIE LCh	75, 21.351, 96.123
Yxy	48.5090, 0.3540, 0.3790
Android (android.graphics.Color)	4291082642 (0xFFC4B992)
YUV	183.8430, -18.6566, 10.6617
Hunter-Lab	69.6484, -5.7630, 19.6625

Details

The Yxy color **48.5090, 0.3540, 0.3790** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.2308, 0.2707, 0.2734**, and the grayscale version is **47.9422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9634, 0.3467, 0.3702**, and **23.0795, 0.3658, 0.3932** is the 20% darker color. If you saturate the color by 10%, you get **46.1698, 0.3718, 0.3990**, and if you desaturate by 10%, it is **51.0123, 0.3370, 0.3590**.

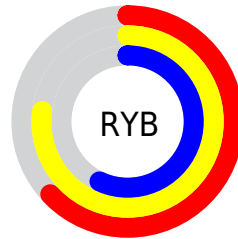
Distribution



Red (77%)

Green (73%)

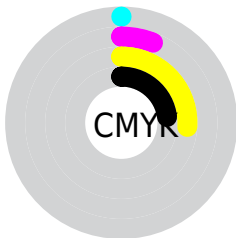
Blue (57%)



Red (63%)

Yellow (77%)

Blue (57%)

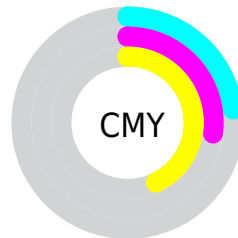


Cyan (0%)

Magenta (6%)

Yellow (26%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5090, 0.3540, 0.3790 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 48.5090, 0.3540, 0.3790 by changing the saturation by 10% instead.

■ 48.5090, 0.3540,
0.3790

■ 48.5090, 0.3540,
0.3790

380.8061, 0.3337,
0.3541

■ 34.2301, 0.3589,
0.3851

■ 87.9618, 0.3467,
0.3700

■ 23.0705, 0.3652,
0.3929

■ 113.9045, 0.3439,
0.3666

■ 14.6455, 0.3733,
0.4031

144.5039, 0.3416,
0.3638

■ 8.5710, 0.3842,
0.4170

180.1445, 0.3396,
0.3613

■ 4.4624, 0.3994,
0.4369

221.2106, 0.3378,
0.3591

■ 1.9355, 0.4342,
0.4809

268.0867, 0.3362,

■ 0.5696, 0.4603,

0.3573

0.5397

321.1571, 0.3349,
0.3556

0.0000, 0.0000,
0.0000

48.5090, 0.3540,
0.3790

48.5090, 0.3540,
0.3790

46.1698, 0.3718,
0.3990

51.0123, 0.3370,
0.3590

43.9822, 0.3899,
0.4182

53.6786, 0.3210,
0.3394

41.9423, 0.4077,
0.4356

56.5151, 0.3063,
0.3208

40.0430, 0.4245,
0.4502

59.5267, 0.2928,
0.3033

38.2767, 0.4393,
0.4611

62.7180, 0.2806,
0.2870

■ 36.6344, 0.4517,
0.4675

■ 65.5247, 0.2745,
0.2806

■ 35.1055, 0.4611,
0.4693

■ 67.7028, 0.2749,
0.2855

■ 34.4472, 0.4648,
0.4692

■ 69.9392, 0.2753,
0.2904

■ 72.2343, 0.2757,
0.2952

Harmonies

Analogous

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



48.5090, 0.3695, 0.3642



48.5090, 0.3540, 0.3790



48.5090, 0.3277, 0.3802

Triad

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



48.5090, 0.3540, 0.3790



48.5090, 0.2594, 0.3122



48.5090, 0.3255, 0.2960

Complementary

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



48.5090, 0.3540, 0.3790



34.2308, 0.2707, 0.2734

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.



48.5090, 0.2957, 0.2831



48.5090, 0.3540, 0.3790



48.5090, 0.2587, 0.2910

Square

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



48.5090, 0.3540, 0.3790



48.5090, 0.2735, 0.3400



48.5090, 0.2717, 0.2809



48.5090, 0.3528, 0.3169

Rectangle

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



48.5090, 0.3540, 0.3790



48.5090, 0.3079, 0.3721



48.5090, 0.2717, 0.2809



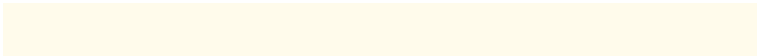
48.5090, 0.3154, 0.2907

Sweetspot

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



48.5112, 0.3540, 0.3790



95.9161, 0.3251, 0.3444



34.7597, 0.3538, 0.3137



20.3705, 0.3275, 0.3474



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.



48.5112, 0.3540, 0.3790



85.2823, 0.3646, 0.3910



51.6002, 0.3394, 0.3945



11.3690, 0.3270, 0.3468



22.2575, 0.4640, 0.4698



1.0573, 0.4522, 0.4792

Inverse Universe

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



34.2308, 0.2707, 0.2734



54.7595, 0.2597, 0.2581



31.9557, 0.2811, 0.2595



10.1005, 0.2983, 0.3105



3.7899, 0.1569, 0.0847



0.2695, 0.1688, 0.1278

Previews

White Background



This preview shows how the Yxy color 48.5090, 0.3540, 0.3790 looks on a white background.

Color Contrast Check

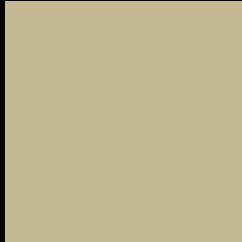
Large Text (above 18pt) WCAG AA × Fail

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 48.5090, 0.3540, 0.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

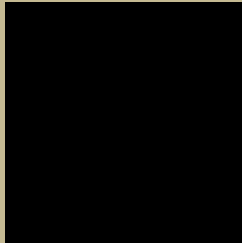
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

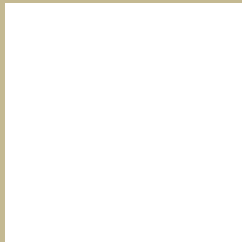
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.5090, 0.3540, 0.3790

Background



This preview shows how black text looks on a background with the Yxy color 48.5090, 0.3540, 0.3790.

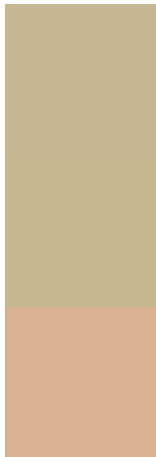


This preview shows how white text looks on a background with the Yxy color 48.5090, 0.3540, 0.3790.

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

48.5090, 0.3540, 0.3790

Protanopia

48.6436, 0.3549, 0.3789

Deuteranopia

48.5463, 0.3739, 0.3666



Tritanopia

48.6470, 0.3213, 0.3119

Trichromacy



Original Color

48.5090, 0.3540, 0.3790

Protanomaly

48.6436, 0.3549, 0.3789

Deuteranomaly

48.7096, 0.3663, 0.3711

Tritanomaly

48.4617, 0.3334, 0.3353

Monochromacy



Original Color

48.5090, 0.3540, 0.3790

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.8746, 0.3273, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5090, 0.3540, 0.3790 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(196, 185, 146)` looks like.

```
.text, #text, p{  
    color:rgb(196, 185, 146)  
}
```

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(196, 185, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 185, 146) }
```

Border

The CSS property to change the border of an element to Yxy 48.5090, 0.3540, 0.3790 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(196, 185, 146) }
```

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

```
.border{ border-color:rgb(196, 185, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 185, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 185, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 185, 146);  
box-shadow:4px 4px 4px 4px rgb(196, 185,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5090, 0.3540, 0.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 185, 146) }
```

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

```
.background{ background-color: rgb(196,  
185, 146) }
```

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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