

Converting Colors

Yxy(48.4138, 0.3403, 0.3633)

Have a look what the booklet for
Yxy(48.4138, 0.3403, 0.3633)
contains.

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Color

Yxy(48.3730, 0.3405, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	C0B99E
RGB	192, 185, 158
RGB Percent	75%, 73%, 62%
CMY	0.2470, 0.2745, 0.3804
CMYK	0.00, 0.04, 0.18, 0.25
HSL	48°, 21%, 69%
HSV	48°, 18%, 75%
XYZ	45.2625, 48.3730, 39.2939
YIQ	184.0150, 12.8390, -6.9130

Conversions

Conversions Part 2

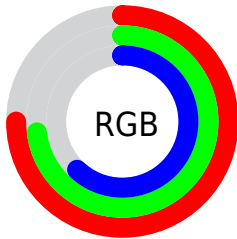
Format	Color
RYB	167, 192, 158
Decimal	12630430
CIELab	75.06, -2.04, 14.61
CIELCh	75, 14.750, 97.966
Yxy	48.3730, 0.3405, 0.3639
Android (android.graphics.Color)	4290820510 (0xFFC0B99E)
YUV	184.0150, -12.8254, 7.0028
Hunter-Lab	69.5507, -5.5489, 15.1885

Details

The Yxy color **48.3730, 0.3405, 0.3639** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.9911, 0.2845, 0.2915**, and the grayscale version is **48.0106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8544, 0.3356, 0.3572**, and **22.9673, 0.3474, 0.3730** is the 20% darker color. If you saturate the color by 10%, you get **46.1291, 0.3576, 0.3843**, and if you desaturate by 10%, it is **50.7708, 0.3244, 0.3439**.

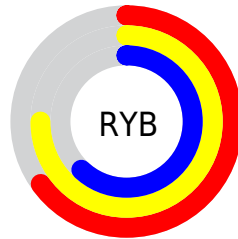
Distribution



Red (75%)

Green (73%)

Blue (62%)



Red (65%)

Yellow (75%)

Blue (62%)

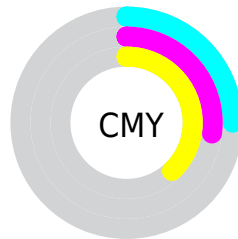


Cyan (0%)

Magenta (4%)

Yellow (18%)

Black (25%)



Cyan (25%)


Magenta (27%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3730, 0.3405, 0.3639 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 48.3730, 0.3405, 0.3639 by changing the saturation by 10% instead.


 48.3730, 0.3405,
0.3639


 48.3730, 0.3405,
0.3639

380.2687, 0.3268,
0.3465

 34.1224, 0.3439,
0.3682

 87.7595, 0.3355,
0.3576

 22.9876, 0.3482,
0.3738


 113.6642, 0.3337,
0.3552

 14.5844, 0.3538,
0.3811


144.2223, 0.3321,
0.3532

 8.5282, 0.3616,
0.3912

179.8183, 0.3307,
0.3515

 4.4348, 0.3728,
0.4061

220.8365, 0.3295,
0.3500

 1.9196, 0.3910,
0.4308

267.6614, 0.3285,

 0.5601, 0.4628,

0.3487

0.5372

320.6773, 0.3276,
0.3475

0.0000, 0.0000,
0.0000

48.3730, 0.3405,
0.3639

48.3730, 0.3405,
0.3639

46.1291, 0.3576,
0.3843

50.7708, 0.3244,
0.3439

44.0275, 0.3752,
0.4045

53.3208, 0.3094,
0.3247

42.0648, 0.3930,
0.4236

56.0298, 0.2957,
0.3066

40.2350, 0.4102,
0.4407

58.9021, 0.2832,
0.2898

38.5314, 0.4261,
0.4548

61.9419, 0.2720,
0.2743

■ 36.9466, 0.4400,
0.4650

■ 63.9246, 0.2718,
0.2778

■ 35.4720, 0.4512,
0.4706

■ 65.8915, 0.2722,
0.2823

■ 34.0949, 0.4596,
0.4719

■ 67.9072, 0.2726,
0.2868

■ 33.7903, 0.4613,
0.4719

■ 69.9720, 0.2730,
0.2913

Harmonies

Analogous

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



48.3730, 0.3515, 0.3547



48.3730, 0.3405, 0.3639



48.3730, 0.3222, 0.3636

Triad

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



48.3730, 0.3405, 0.3639



48.3730, 0.2751, 0.3167



48.3730, 0.3230, 0.3066

Complementary

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



48.3730, 0.3405, 0.3639



37.9911, 0.2845, 0.2915

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.



48.3730, 0.3023, 0.2970



48.3730, 0.3405, 0.3639



48.3730, 0.2752, 0.3021

Square

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



48.3730, 0.3405, 0.3639



48.3730, 0.2846, 0.3356



48.3730, 0.2850, 0.2952



48.3730, 0.3413, 0.3218

Rectangle

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



48.3730, 0.3405, 0.3639



48.3730, 0.3084, 0.3576



48.3730, 0.2850, 0.2952



48.3730, 0.3160, 0.3027

Sweetspot

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



48.3751, 0.3405, 0.3639



93.1614, 0.3203, 0.3387



38.3899, 0.3393, 0.3193



19.9172, 0.3214, 0.3401



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



48.3751, 0.3405, 0.3639



86.1277, 0.3466, 0.3713



50.1699, 0.3307, 0.3737



11.3938, 0.3270, 0.3472



22.8450, 0.4607, 0.4724



1.0782, 0.4498, 0.4810

Inverse Universe

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



37.9911, 0.2845, 0.2915



64.0593, 0.2782, 0.2829



36.5418, 0.2924, 0.2826



10.0774, 0.2983, 0.3102



3.6578, 0.1562, 0.0822



0.2592, 0.1678, 0.1239

Previews

White Background



This preview shows how the Yxy color 48.3730, 0.3405, 0.3639 looks on a white background.

Color Contrast Check

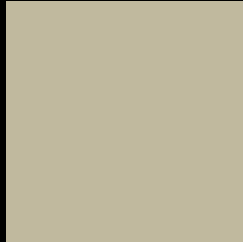
Large Text (above 18pt) WCAG AA × Fail

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 48.3730, 0.3405, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

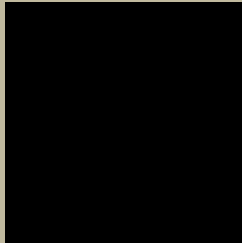
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

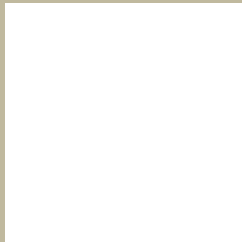
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.3730, 0.3405, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 48.3730, 0.3405, 0.3639.



This preview shows how white text looks on a background with the Yxy color 48.3730, 0.3405, 0.3639.

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

48.3730, 0.3405, 0.3639

Protanopia

48.2189, 0.3425, 0.3625

Deuteranopia

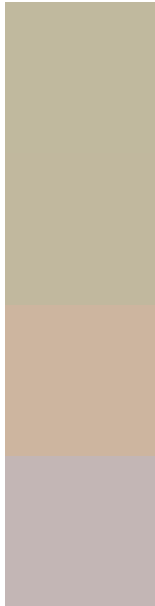
48.3410, 0.3595, 0.3523



Tritanopia

48.4079, 0.3161, 0.3117

Trichromacy



Original Color

48.3730, 0.3405, 0.3639

Protanomaly

48.0871, 0.3416, 0.3626

Deuteranomaly

48.5301, 0.3523, 0.3565

Tritanomaly

48.3942, 0.3247, 0.3303

Monochromacy



Original Color

48.3730, 0.3405, 0.3639

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.9409, 0.3224, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3730, 0.3405, 0.3639 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(192, 185, 158)` looks like.

```
.text, #text, p{  
    color:rgb(192, 185, 158)  
}
```

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(192, 185, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 185, 158) }
```

Border

The CSS property to change the border of an element to Yxy 48.3730, 0.3405, 0.3639 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(192, 185, 158) }
```

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

```
.border{ border-color:rgb(192, 185, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 185, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 185, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 185, 158);  
box-shadow:4px 4px 4px 4px rgb(192, 185,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3730, 0.3405, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 185, 158) }
```

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

```
.background{ background-color: rgb(192,  
185, 158) }
```

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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