

Converting Colors

$Yxy(48.5326, 0.3722, 0.4045)$

Have a look what the booklet for
Yxy(48.5326, 0.3722, 0.4045)
contains.

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Color

Yxy(48.6299, 0.3717, 0.4052)

Conversions

Conversions Part 1

Format	Color
Hex	C6BA7E
RGB	198, 186, 126
RGB Percent	78%, 73%, 49%
CMY	0.2236, 0.2705, 0.5059
CMYK	0.00, 0.06, 0.36, 0.22
HSL	50°, 39%, 64%
HSV	50°, 36%, 78%
XYZ	44.6094, 48.6299, 26.7752
YIQ	182.7480, 26.4120, -16.1160

Conversions

Conversions Part 2

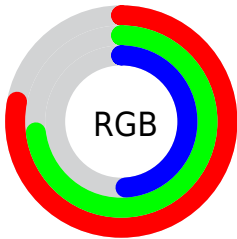
Format	Color
RYB	140, 198, 126
Decimal	13023870
CIELab	75.22, -4.62, 31.98
CIElCh	75, 32.308, 98.230
Yxy	48.6299, 0.3717, 0.4052
Android (android.graphics.Color)	4291213950 (0xFFC6BA7E)
YUV	182.7480, -27.9768, 13.3760
Hunter-Lab	69.7351, -7.8505, 26.0498

Details

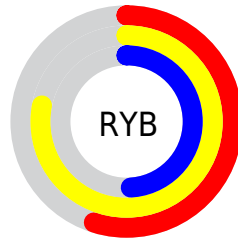
The Yxy color **48.6299, 0.3717, 0.4052** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.6812, 0.2497, 0.2390**, and the grayscale version is **47.3538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0189, 0.3614, 0.3921**, and **23.1365, 0.3867, 0.4257** is the 20% darker color. If you saturate the color by 10%, you get **46.7994, 0.3887, 0.4253**, and if you desaturate by 10%, it is **50.5979, 0.3546, 0.3841**.

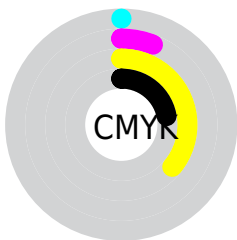
Distribution



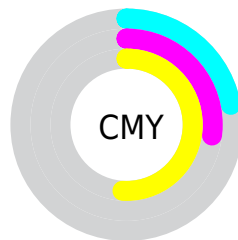
- Red (78%)
- Green (73%)
- Blue (49%)



- Red (55%)
- Yellow (78%)
- Blue (49%)



- Cyan (0%)
- Magenta (6%)
- Yellow (36%)
- Black (22%)





- Cyan (22%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6299, 0.3717, 0.4052 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 48.6299, 0.3717, 0.4052 by changing the saturation by 10% instead.


 48.6299, 0.3717,
0.4052


 48.6299, 0.3717,
0.4052


381.2835, 0.3431,
0.3675

 34.3260, 0.3784,
0.4143


 88.1415, 0.3616,
0.3917

 23.1441, 0.3867,
0.4258


 114.1180, 0.3577,
0.3865

 14.7000, 0.3971,
0.4405


 144.7542, 0.3544,
0.3822

 8.6091, 0.4102,
0.4598

180.4344, 0.3515,
0.3784

 4.4871, 0.4268,
0.4860

221.5430, 0.3490,
0.3751

 1.9496, 0.4612,
0.5388

268.4645, 0.3468,

 0.5779, 0.4302,

0.3723

0.5698

321.5832, 0.3449,
0.3697

0.0000, 0.0000,
0.0000

48.6299, 0.3717,
0.4052

48.6299, 0.3717,
0.4052

46.7994, 0.3887,
0.4253

50.5979, 0.3546,
0.3841

45.0936, 0.4050,
0.4434

52.7025, 0.3380,
0.3628

43.5078, 0.4198,
0.4585


54.9513, 0.3222,
0.3419


42.0344, 0.4326,
0.4697


57.3491, 0.3075,
0.3218


40.6644, 0.4426,
0.4765


59.9008, 0.2938,
0.3029

 39.3864, 0.4499,
0.4789

 62.6107, 0.2814,
0.2854

 38.9354, 0.4522,
0.4791

 64.8499, 0.2756,
0.2786

 66.4824, 0.2759,
0.2823

 68.1485, 0.2762,
0.2861

Harmonies

Analogous

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



48.6299, 0.3974, 0.3821



48.6299, 0.3717, 0.4052



48.6299, 0.3311, 0.4073

Triad

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



48.6299, 0.3717, 0.4052



48.6299, 0.2331, 0.2997



48.6299, 0.3346, 0.2823

Complementary

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



48.6299, 0.3717, 0.4052



26.6812, 0.2497, 0.2390

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.



48.6299, 0.2896, 0.2626



48.6299, 0.3717, 0.4052



48.6299, 0.2338, 0.2699

Square

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



48.6299, 0.3717, 0.4052



48.6299, 0.2520, 0.3419



48.6299, 0.2536, 0.2576



48.6299, 0.3759, 0.3128

Rectangle

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



48.6299, 0.3717, 0.4052



48.6299, 0.3015, 0.3941



48.6299, 0.2536, 0.2576



48.6299, 0.3193, 0.2743

Sweetspot

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



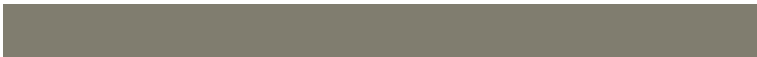
48.6321, 0.3717, 0.4052



95.3837, 0.3297, 0.3518



28.7610, 0.3848, 0.3132



20.2991, 0.3319, 0.3547



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.



48.6321, 0.3717, 0.4052



83.4271, 0.3858, 0.4220



50.8819, 0.3460, 0.4252



12.1052, 0.3269, 0.3481



25.4346, 0.4517, 0.4795



1.2864, 0.4439, 0.4858

Inverse Universe

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



26.6812, 0.2497, 0.2390



38.6907, 0.2333, 0.2141



25.4830, 0.2688, 0.2266



10.5677, 0.2983, 0.3091



3.4415, 0.1544, 0.0756



0.2544, 0.1640, 0.1103

Previews

White Background



This preview shows how the Yxy color 48.6299, 0.3717, 0.4052 looks on a white background.

Color Contrast Check

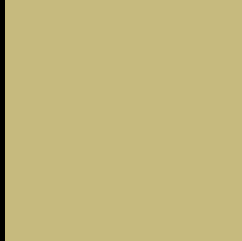
Large Text (above 18pt) WCAG AA × Fail

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 48.6299, 0.3717, 0.4052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

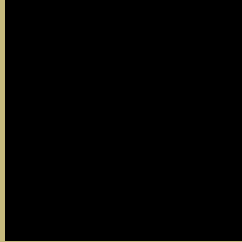
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6299, 0.3717, 0.4052

Background



This preview shows how black text looks on a background with the Yxy color 48.6299, 0.3717, 0.4052.



This preview shows how white text looks on a background with the Yxy color 48.6299, 0.3717, 0.4052.

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

48.6299, 0.3717, 0.4052

Protanopia

48.6218, 0.3749, 0.4033

Deuteranopia

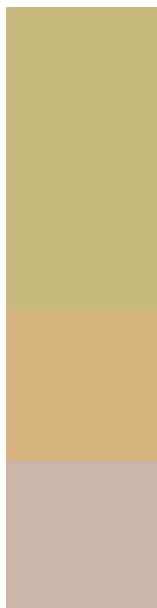
48.3749, 0.3956, 0.3871



Tritanopia

48.6257, 0.3248, 0.3121

Trichromacy



Original Color

48.6299, 0.3717, 0.4052

Protanomaly

48.4836, 0.3740, 0.4035

Deuteranomaly

48.3210, 0.3875, 0.3935

Tritanomaly

48.4315, 0.3419, 0.3453

Monochromacy



Original Color

48.6299, 0.3717, 0.4052

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.5810, 0.3338, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6299, 0.3717, 0.4052 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, 186, 126)` looks like.

```
.text, #text, p{  
    color:rgb(198, 186, 126)  
}
```

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, 186, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 186, 126) }
```

Border

The CSS property to change the border of an element to Yxy 48.6299, 0.3717, 0.4052 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, 186, 126) }
```

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

```
.border{ border-color:rgb(198, 186, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 186, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 186, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 186, 126);  
box-shadow:4px 4px 4px 4px rgb(198, 186,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6299, 0.3717, 0.4052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 186, 126) }
```

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

```
.background{ background-color: rgb(198,  
186, 126) }
```

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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