

Converting Colors

$Y_{xy}(49.7148, 0.3705, 0.4094)$

Have a look what the booklet for
Yxy(49.7148, 0.3705, 0.4094)
contains.

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Color

Yxy(49.7462, 0.3703, 0.4101)

Conversions

Conversions Part 1

Format	Color
Hex	C5BD7D
RGB	197, 189, 125
RGB Percent	77%, 74%, 49%
CMY	0.2276, 0.2588, 0.5098
CMYK	0.00, 0.04, 0.37, 0.23
HSL	53°, 38%, 63%
HSV	53°, 37%, 77%
XYZ	44.9184, 49.7462, 26.6381
YIQ	184.0960, 25.3120, -18.2080

Conversions

Conversions Part 2

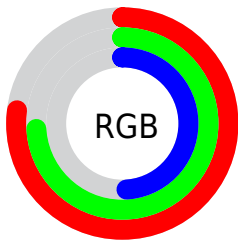
Format	Color
RYB	134, 197, 125
Decimal	12959101
CIELab	75.91, -6.72, 33.38
CIELCh	76, 34.053, 101.374
Yxy	49.7462, 0.3703, 0.4101
Android (android.graphics.Color)	4291149181 (0xFFC5BD7D)
YUV	184.0960, -29.1343, 11.3168
Hunter-Lab	70.5310, -9.7497, 26.9791

Details

The Yxy color **49.7462, 0.3703, 0.4101** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.1523, 0.2485, 0.2322**, and the grayscale version is **48.1411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7792, 0.3612, 0.3958**, and **23.8671, 0.3843, 0.4321** is the 20% darker color. If you saturate the color by 10%, you get **48.3650, 0.3861, 0.4311**, and if you desaturate by 10%, it is **51.2458, 0.3541, 0.3879**.

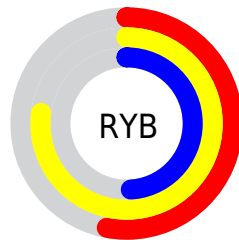
Distribution



Red (77%)

Green (74%)

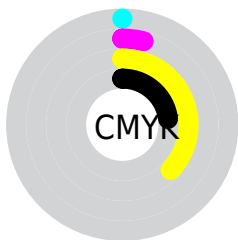
Blue (49%)



Red (53%)

Yellow (77%)

Blue (49%)

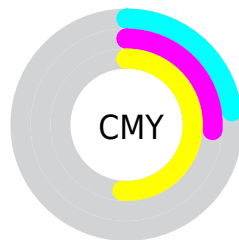


Cyan (0%)

Magenta (4%)

Yellow (37%)

Black (23%)



Cyan (23%)


Magenta (26%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.7462, 0.3703, 0.4101 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 49.7462, 0.3703, 0.4101 by changing the saturation by 10% instead.


 49.7462, 0.3703,
0.4101


 49.7462, 0.3703,
0.4101


385.6726, 0.3427,
0.3699


 35.2118, 0.3767,
0.4198


 89.7987, 0.3606,
0.3957

 23.8261, 0.3845,
0.4320


 116.0856, 0.3569,
0.3902

 15.2046, 0.3941,
0.4476


 147.0588, 0.3537,
0.3856

 8.9631, 0.4061,
0.4682

183.1026, 0.3509,
0.3816

 4.7171, 0.4209,
0.4961

224.6015, 0.3484,
0.3781

 2.0823, 0.4499,
0.5501

271.9399, 0.3463,

 0.6546, 0.4118,

0.3750

0.5882

325.5021, 0.3444,
0.3723

0.0000, 0.0000,
0.0000

49.7462, 0.3703,
0.4101

49.7462, 0.3703,
0.4101

48.3650, 0.3861,
0.4311

51.2458, 0.3541,
0.3879

47.0893, 0.4010,
0.4500

52.8626, 0.3380,
0.3653

45.9149, 0.4141,
0.4657


54.6038, 0.3224,
0.3431


44.8343, 0.4249,
0.4775


56.4742, 0.3077,
0.3217

43.8388, 0.4331,
0.4849


58.4784, 0.2941,
0.3015


 42.9172, 0.4386,
0.4880

 60.6207, 0.2815,
0.2827

 42.6073, 0.4402,
0.4886

 62.3869, 0.2745,
0.2731

 63.4299, 0.2747,
0.2756

 64.4874, 0.2749,
0.2780

Harmonies

Analogous

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



49.7462, 0.3995, 0.3875



49.7462, 0.3703, 0.4101



49.7462, 0.3268, 0.4098

Triad

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



49.7462, 0.3703, 0.4101



49.7462, 0.2289, 0.2941



49.7462, 0.3405, 0.2832

Complementary

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



49.7462, 0.3703, 0.4101



25.1523, 0.2485, 0.2322

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.



49.7462, 0.2931, 0.2613



49.7462, 0.3703, 0.4101



49.7462, 0.2317, 0.2650

Square

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



49.7462, 0.3703, 0.4101



49.7462, 0.2463, 0.3375



49.7462, 0.2542, 0.2543



49.7462, 0.3825, 0.3157

Rectangle

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



49.7462, 0.3703, 0.4101



49.7462, 0.2961, 0.3941



49.7462, 0.2542, 0.2543



49.7462, 0.3245, 0.2745

Sweetspot

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



49.7485, 0.3703, 0.4101



96.3626, 0.3295, 0.3533



28.2388, 0.3897, 0.3180



20.5339, 0.3317, 0.3564



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.



49.7485, 0.3703, 0.4101



87.1042, 0.3833, 0.4274



49.8738, 0.3431, 0.4267



12.2092, 0.3268, 0.3494



28.1123, 0.4399, 0.4889



1.3897, 0.4351, 0.4927

Inverse Universe

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



25.1523, 0.2485, 0.2322



36.5483, 0.2320, 0.2063



25.4309, 0.2720, 0.2271



10.4729, 0.2983, 0.3078



3.0849, 0.1524, 0.0687



0.2111, 0.1596, 0.0945

Previews

White Background



This preview shows how the Yxy color 49.7462, 0.3703, 0.4101 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 49.7462, 0.3703, 0.4101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

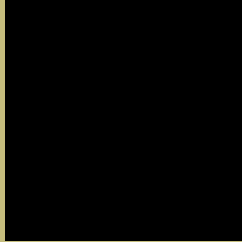
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.7462, 0.3703, 0.4101

Background



This preview shows how black text looks on a background with the Yxy color 49.7462, 0.3703, 0.4101.



This preview shows how white text looks on a background with the Yxy color 49.7462, 0.3703, 0.4101.

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

49.7462, 0.3703, 0.4101

Protanopia

49.6924, 0.3775, 0.4074

Deuteranopia

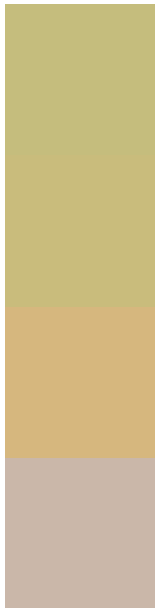
49.6198, 0.3982, 0.3898



Tritanopia

49.5167, 0.3230, 0.3121

Trichromacy



Original Color

49.7462, 0.3703, 0.4101

Protanomaly

49.8392, 0.3752, 0.4091

Deuteranomaly

49.6695, 0.3878, 0.3978

Tritanomaly

49.2881, 0.3406, 0.3465

Monochromacy



Original Color

49.7462, 0.3703, 0.4101

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.5810, 0.3335, 0.3588

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7462, 0.3703, 0.4101 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(197, 189, 125)` looks like.

```
.text, #text, p{  
    color:rgb(197, 189, 125)  
}
```

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(197, 189, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 189, 125) }
```

Border

The CSS property to change the border of an element to Yxy 49.7462, 0.3703, 0.4101 is called "border". The border property can be set on classes, ids or directly on the HTML element.

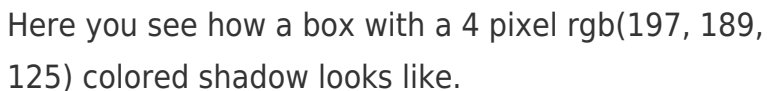
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 189, 125) }
```

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

```
.border{ border-color:rgb(197, 189, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 189, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 189, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 189, 125); box-shadow:4px 4px 4px 4px rgb(197, 189, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 49.7462, 0.3703, 0.4101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 189, 125) }
```

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

```
.background{ background-color: rgb(197,  
189, 125) }
```

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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