

Converting Colors

$Y_{xy}(48.8885, 0.3728, 0.4134)$

Have a look what the booklet for
Yxy(48.8885, 0.3728, 0.4134)
contains.

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Color

Yxy(49.0827, 0.3729, 0.4141)

Conversions

Conversions Part 1

Format	Color
Hex	C4BC79
RGB	196, 188, 121
RGB Percent	77%, 74%, 47%
CMY	0.2314, 0.2627, 0.5253
CMYK	0.00, 0.04, 0.38, 0.23
HSL	54°, 39%, 62%
HSV	54°, 38%, 77%
XYZ	44.1993, 49.0827, 25.2466
YIQ	182.7540, 26.2750, -19.1410

Conversions

Conversions Part 2

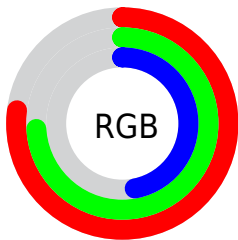
Format	Color
RYB	130, 196, 121
Decimal	12893305
CIELab	75.50, -7.04, 34.89
CIELCh	76, 35.596, 101.400
Yxy	49.0827, 0.3729, 0.4141
Android (android.graphics.Color)	4291083385 (0xFFC4BC79)
YUV	182.7540, -30.4447, 11.6167
Hunter-Lab	70.0590, -9.9901, 27.6755

Details

The Yxy color **49.0827, 0.3729, 0.4141** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **23.7604, 0.2450, 0.2265**, and the grayscale version is **47.3734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8282, 0.3632, 0.3990**, and **23.4456, 0.3876, 0.4372** is the 20% darker color. If you saturate the color by 10%, you get **47.7661, 0.3885, 0.4349**, and if you desaturate by 10%, it is **50.5143, 0.3567, 0.3920**.

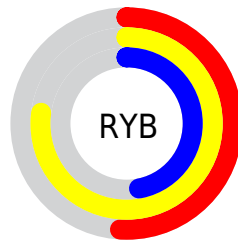
Distribution



Red (77%)

Green (74%)

Blue (47%)



Red (51%)

Yellow (77%)

Blue (47%)

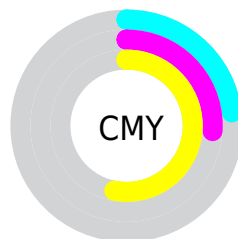


Cyan (0%)

Magenta (4%)

Yellow (38%)

Black (23%)



Cyan (23%)


Magenta (26%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0827, 0.3729, 0.4141 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 49.0827, 0.3729, 0.4141 by changing the saturation by 10% instead.


 49.0827, 0.3729,
0.4141


 49.0827, 0.3729,
0.4141


383.0678, 0.3440,
0.3719

 34.6851, 0.3795,
0.4243


 88.8143, 0.3628,
0.3990

 23.4204, 0.3876,
0.4370


 114.9170, 0.3589,
0.3932

 14.9042, 0.3975,
0.4534


 145.6903, 0.3555,
0.3883

 8.7522, 0.4097,
0.4747

181.5184, 0.3526,
0.3841

 4.5799, 0.4253,
0.5047

222.7858, 0.3501,
0.3805

 2.0030, 0.4476,
0.5524

269.8769, 0.3478,

 0.6092, 0.4007,

0.3773

0.5993

323.1761, 0.3458,
0.3744

0.0000, 0.0000,
0.0000

49.0827, 0.3729,
0.4141

49.0827, 0.3729,
0.4141

47.7661, 0.3885,
0.4349

50.5143, 0.3567,
0.3920

46.5519, 0.4030,
0.4533

52.0599, 0.3406,
0.3693

45.4357, 0.4157,
0.4685

53.7266, 0.3250,
0.3469

44.4098, 0.4260,
0.4796

55.5193, 0.3102,
0.3253

43.4655, 0.4336,
0.4863

57.4424, 0.2963,
0.3048

■ 42.5891, 0.4386,
0.4890

■ 59.5003, 0.2835,
0.2856

■ 42.4383, 0.4394,
0.4893

■ 61.4868, 0.2738,
0.2711

■ 62.4771, 0.2739,
0.2735

■ 63.4807, 0.2741,
0.2759

Harmonies

Analogous

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



49.0827, 0.4036, 0.3900



49.0827, 0.3729, 0.4141



49.0827, 0.3273, 0.4142

Triad

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



49.0827, 0.3729, 0.4141



49.0827, 0.2250, 0.2922



49.0827, 0.3418, 0.2811

Complementary

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



49.0827, 0.3729, 0.4141



23.7604, 0.2450, 0.2265

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.



49.0827, 0.2921, 0.2583



49.0827, 0.3729, 0.4141



49.0827, 0.2281, 0.2619

Square

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



49.0827, 0.3729, 0.4141



49.0827, 0.2431, 0.3377



49.0827, 0.2515, 0.2509



49.0827, 0.3860, 0.3149

Rectangle

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



49.0827, 0.3729, 0.4141



49.0827, 0.2950, 0.3977



49.0827, 0.2515, 0.2509



49.0827, 0.3250, 0.2720

Sweetspot

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



49.0849, 0.3729, 0.4141



96.4317, 0.3295, 0.3534



27.0254, 0.3949, 0.3174



20.5504, 0.3317, 0.3565



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.



49.0849, 0.3729, 0.4141



86.8918, 0.3862, 0.4319



49.1004, 0.3443, 0.4315



11.5691, 0.3267, 0.3494



27.3475, 0.4391, 0.4895



1.2352, 0.4342, 0.4935

Inverse Universe

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



23.7604, 0.2450, 0.2265



34.4726, 0.2278, 0.1992



24.1326, 0.2697, 0.2218



9.9168, 0.2983, 0.3078



2.9653, 0.1523, 0.0684



0.1873, 0.1597, 0.0950

Previews

White Background



This preview shows how the Yxy color 49.0827, 0.3729, 0.4141 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 49.0827, 0.3729, 0.4141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

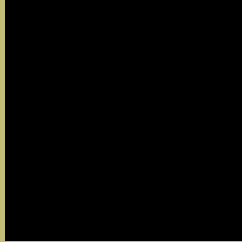
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.0827, 0.3729, 0.4141

Background



This preview shows how black text looks on a background with the Yxy color 49.0827, 0.3729, 0.4141.



This preview shows how white text looks on a background with the Yxy color 49.0827, 0.3729, 0.4141.

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

49.0827, 0.3729, 0.4141

Protanopia

49.0304, 0.3801, 0.4114

Deuteranopia

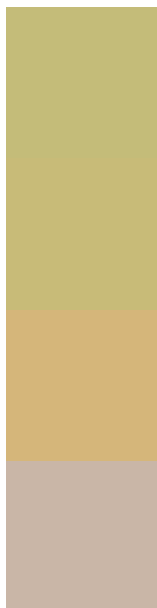
48.9588, 0.4012, 0.3934



Tritanopia

48.9278, 0.3230, 0.3120

Trichromacy



Original Color

49.0827, 0.3729, 0.4141

Protanomaly

49.1761, 0.3778, 0.4131

Deuteranomaly

49.0072, 0.3907, 0.4015

Tritanomaly

48.6634, 0.3416, 0.3479

Monochromacy



Original Color

49.0827, 0.3729, 0.4141

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.9274, 0.3353, 0.3616

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0827, 0.3729, 0.4141 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, 188, 121)` looks like.

```
.text, #text, p{  
    color:rgb(196, 188, 121)  
}
```

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, 188, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 188, 121) }
```

Border

The CSS property to change the border of an element to Yxy 49.0827, 0.3729, 0.4141 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, 188, 121) }
```

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

```
.border{ border-color:rgb(196, 188, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 188, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 188, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 188, 121);  
box-shadow:4px 4px 4px 4px rgb(196, 188,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0827, 0.3729, 0.4141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 188, 121) }
```

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

```
.background{ background-color: rgb(196,  
188, 121) }
```

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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