

Converting Colors

$Y_{xy}(46.8069, 0.3733, 0.4021)$

Have a look what the booklet for
Yxy(46.8069, 0.3733, 0.4021)
contains.

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Color

Yxy(46.8069, 0.3733, 0.4021)

Conversions

Conversions Part 1

Format	Color
Hex	C5B67D
RGB	197, 182, 125
RGB Percent	77%, 71%, 49%
CMY	0.2275, 0.2862, 0.5098
CMYK	0.00, 0.08, 0.37, 0.23
HSL	48°, 38%, 63%
HSV	48°, 37%, 77%
XYZ	43.4544, 46.8069, 26.1448
YIQ	179.9870, 27.2370, -14.5470

Conversions

Conversions Part 2

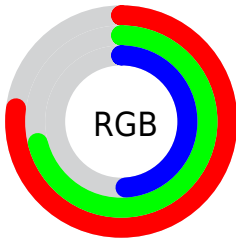
Format	Color
RYB	144, 197, 125
Decimal	12957309
CIELab	74.07, -3.03, 30.98
CIELCh	74, 31.125, 95.590
Yxy	46.8069, 0.3733, 0.4021
Android (android.graphics.Color)	4291147389 (0xFFC5B67D)
YUV	179.9870, -27.1086, 14.9204
Hunter-Lab	68.4156, -6.3523, 25.2334

Details

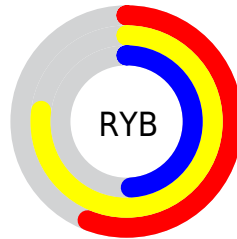
The Yxy color $46.8069, 0.3733, 0.4021$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $27.1426, 0.2500, 0.2431$, and the grayscale version is $45.7724, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.6234, 0.3631, 0.3894$, and $21.9593, 0.3895, 0.4218$ is the 20% darker color. If you saturate the color by 10%, you get $44.6992, 0.3911, 0.4214$, and if you desaturate by 10%, it is $49.0680, 0.3556, 0.3819$.

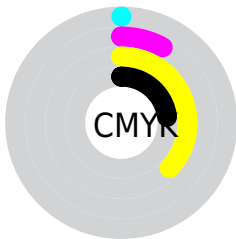
Distribution



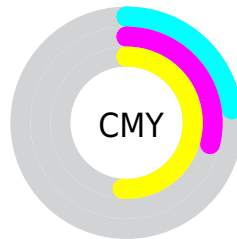
- Red (77%)
- Green (71%)
- Blue (49%)



- Red (56%)
- Yellow (77%)
- Blue (49%)



- Cyan (0%)
- Magenta (8%)
- Yellow (37%)
- Black (23%)




- Cyan (23%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.8069, 0.3733, 0.4021 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 46.8069, 0.3733, 0.4021 by changing the saturation by 10% instead.


 46.8069, 0.3733,
0.4021


 46.8069, 0.3733,
0.4021

374.0432, 0.3436,
0.3658

 32.8830, 0.3803,
0.4109


 85.4253, 0.3627,
0.3891

 22.0369, 0.3891,
0.4220


 110.8886, 0.3587,
0.3841

 13.8840, 0.4002,
0.4362


 140.9673, 0.3553,
0.3799

 8.0400, 0.4145,
0.4550

176.0455, 0.3523,
0.3763

 4.1206, 0.4334,
0.4808

216.5079, 0.3497,
0.3732

 1.7412, 0.4696,
0.5304

262.7387, 0.3474,

 0.4501, 0.4401,

0.3704

0.5599

315.1223, 0.3454,
0.3680

0.0000, 0.0000,
0.0000

46.8069, 0.3733,
0.4021

46.8069, 0.3733,
0.4021

44.6992, 0.3911,
0.4214

49.0680, 0.3556,
0.3819

42.7320, 0.4085,
0.4388

51.4818, 0.3386,
0.3615

40.9005, 0.4247,
0.4533


54.0560, 0.3226,
0.3416


39.1969, 0.4389,
0.4639


56.7957, 0.3077,
0.3225

37.6122, 0.4505,
0.4700

59.7057, 0.2941,
0.3046


 36.1346, 0.4591,
0.4715

 62.7906, 0.2818,
0.2879

 35.6419, 0.4618,
0.4715

 65.5360, 0.2751,
0.2804

 67.5961, 0.2755,
0.2851

 69.7086, 0.2758,
0.2897

Harmonies

Analogous

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



46.8069, 0.3966, 0.3784



46.8069, 0.3733, 0.4021



46.8069, 0.3345, 0.4062

Triad

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



46.8069, 0.3733, 0.4021



46.8069, 0.2358, 0.3037



46.8069, 0.3301, 0.2812

Complementary

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



46.8069, 0.3733, 0.4021



27.1426, 0.2500, 0.2431

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.



46.8069, 0.2866, 0.2630



46.8069, 0.3733, 0.4021



46.8069, 0.2348, 0.2733

Square

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



46.8069, 0.3733, 0.4021



46.8069, 0.2559, 0.3455



46.8069, 0.2526, 0.2596



46.8069, 0.3713, 0.3103

Rectangle

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



46.8069, 0.3733, 0.4021



46.8069, 0.3056, 0.3948



46.8069, 0.2526, 0.2596



46.8069, 0.3152, 0.2737

Sweetspot

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



46.8090, 0.3733, 0.4021



94.6541, 0.3298, 0.3507



28.4473, 0.3808, 0.3083



20.1243, 0.3321, 0.3535



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.



46.8090, 0.3733, 0.4021



80.7495, 0.3878, 0.4179



50.7106, 0.3493, 0.4247



12.0276, 0.3270, 0.3472



23.5678, 0.4612, 0.4720



1.2130, 0.4508, 0.4802

Inverse Universe

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



27.1426, 0.2500, 0.2431



40.3714, 0.2344, 0.2200



24.7533, 0.2651, 0.2251



10.6393, 0.2983, 0.3102



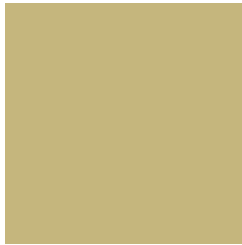
3.7941, 0.1562, 0.0823



0.2869, 0.1671, 0.1215

Previews

White Background



This preview shows how the Yxy color 46.8069, 0.3733, 0.4021 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 46.8069, 0.3733, 0.4021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

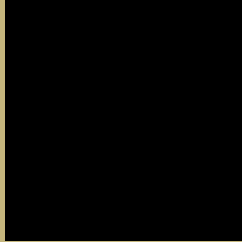
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.8069, 0.3733, 0.4021

Background



This preview shows how black text looks on a background with the Yxy color 46.8069, 0.3733, 0.4021.



This preview shows how white text looks on a background with the Yxy color 46.8069, 0.3733, 0.4021.

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

46.8069, 0.3733, 0.4021

Protanopia

46.8069, 0.3733, 0.4021

Deuteranopia

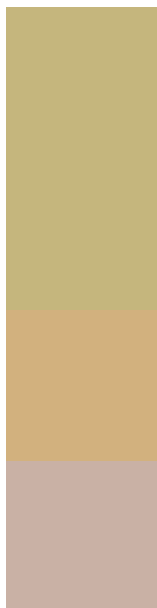
46.5561, 0.3942, 0.3857



Tritanopia

46.7403, 0.3277, 0.3119

Trichromacy



Original Color

46.8069, 0.3733, 0.4021

Protanomaly

46.8069, 0.3733, 0.4021

Deuteranomaly

46.6523, 0.3870, 0.3919

Tritanomaly

46.5784, 0.3444, 0.3442

Monochromacy



Original Color

46.8069, 0.3733, 0.4021

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.0249, 0.3342, 0.3567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8069, 0.3733, 0.4021 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, 182, 125)` looks like.

```
.text, #text, p{  
    color:rgb(197, 182, 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, 182, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 182, 125) }
```

Border

The CSS property to change the border of an element to Yxy 46.8069, 0.3733, 0.4021 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, 182, 125) }
```

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

```
.border{ border-color:rgb(197, 182, 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, 182, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 182, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 182, 125);  
box-shadow:4px 4px 4px 4px rgb(197, 182,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8069, 0.3733, 0.4021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 182, 125) }
```

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

```
.background{ background-color: rgb(197,  
182, 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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