

Converting Colors

$Y_{xy}(38.3074, 0.3841, 0.3782)$

Have a look what the booklet for
Yxy(38.3074, 0.3841, 0.3782)
contains.

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Color

Yxy(38.3074, 0.3841, 0.3782)

Conversions

Conversions Part 1	
Format	Color
Hex	C4A07B
RGB	196, 160, 123
RGB Percent	77%, 63%, 48%
CMY	0.2315, 0.3725, 0.5177
CMYK	0.00, 0.18, 0.37, 0.23
HSL	30°, 38%, 63%
HSV	30°, 37%, 77%
XYZ	38.9050, 38.3074, 24.0763
YIQ	166.5460, 33.3330, -3.8750

Conversions

Conversions Part 2

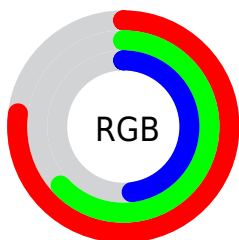
Format	Color
RYB	194, 196, 123
Decimal	12886139
CIELab	68.25, 8.11, 24.31
CIELCh	68, 25.629, 71.548
Yxy	38.3074, 0.3841, 0.3782
Android (android.graphics.Color)	4291076219 (0xFFC4A07B)
YUV	166.5460, -21.4682, 25.8312
Hunter-Lab	61.8930, 3.8897, 20.2613

Details

The Yxy color $38.3074, 0.3841, 0.3782$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $32.9700, 0.2533, 0.2737$, and the grayscale version is $38.5048, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.8063, 0.3704, 0.3694$, and $17.0944, 0.4054, 0.3918$ is the 20% darker color. If you saturate the color by 10%, you get $34.6477, 0.4087, 0.3913$, and if you desaturate by 10%, it is $42.3289, 0.3617, 0.3646$.

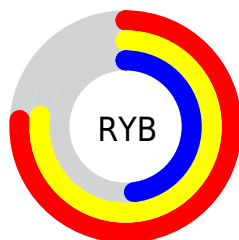
Distribution



Red (77%)

Green (63%)

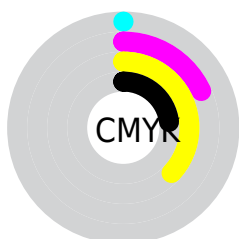
Blue (48%)



Red (76%)

Yellow (77%)

Blue (48%)

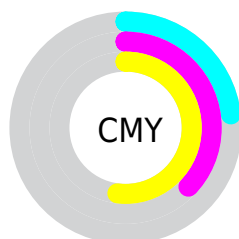


Cyan (0%)

Magenta (18%)

Yellow (37%)

Black (23%)



Cyan (23%)

Magenta (37%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3074, 0.3841, 0.3782 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 38.3074, 0.3841, 0.3782 by changing the saturation by 10% instead.


 38.3074, 0.3841,
0.3782


 38.3074, 0.3841,
0.3782

338.9368, 0.3472,
0.3537


 26.2214, 0.3936,
0.3841


 72.5791, 0.3705,
0.3694

 16.9893, 0.4058,
0.3915


 95.5335, 0.3654,
0.3661

 10.2269, 0.4221,
0.4009


 122.8794, 0.3612,
0.3633

 5.5496, 0.4448,
0.4130

155.0014, 0.3576,
0.3608

 2.5732, 0.4831,
0.4329

192.2837, 0.3544,
0.3587

 0.9132, 0.5433,
0.4567

235.1108, 0.3517,

 0.0000, 1.0000,

0.3568

0.0000

283.8670, 0.3493,
0.3552


 0.0000, 0.0000,
0.0000


 38.3074, 0.3841,
0.3782


 38.3074, 0.3841,
0.3782


 34.6477, 0.4087,
0.3913


 42.3289, 0.3617,
0.3646

 31.3327, 0.4350,
0.4029


 46.7179, 0.3417,
0.3510


 28.3515, 0.4621,
0.4119


 51.4867, 0.3241,
0.3380


 25.6905, 0.4887,
0.4170


 56.6454, 0.3087,
0.3257


 23.3345, 0.5130,
0.4171

 62.2035, 0.2952,
0.3142


 21.2646, 0.5337,
0.4119

 68.1703, 0.2834,
0.3037

 20.7378, 0.5391,
0.4101

 74.2175, 0.2760,
0.2993

 79.6663, 0.2768,
0.3099

 85.4161, 0.2777,
0.3203

Harmonies

Analogous

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



38.3074, 0.3880, 0.3498



38.3074, 0.3841, 0.3782



38.3074, 0.3604, 0.3957

Triad

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



38.3074, 0.3841, 0.3782



38.3074, 0.2577, 0.3361



38.3074, 0.2971, 0.2725

Complementary

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



38.3074, 0.3841, 0.3782



32.9700, 0.2533, 0.2737

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.



38.3074, 0.2645, 0.2668



38.3074, 0.3841, 0.3782



38.3074, 0.2429, 0.3007

Square

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



38.3074, 0.3841, 0.3782



38.3074, 0.2872, 0.3720



38.3074, 0.2453, 0.2762



38.3074, 0.3360, 0.2910

Rectangle

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



38.3074, 0.3841, 0.3782



38.3074, 0.3373, 0.3973



38.3074, 0.2453, 0.2762



38.3074, 0.2851, 0.2690

Sweetspot

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



38.3092, 0.3841, 0.3782



89.8215, 0.3308, 0.3430



28.4138, 0.3573, 0.2809



18.9700, 0.3332, 0.3448



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.



38.3092, 0.3841, 0.3782



63.7643, 0.4048, 0.3893



52.6302, 0.3681, 0.4205



10.9037, 0.3277, 0.3407



13.5014, 0.5370, 0.4118



0.7211, 0.5040, 0.4380

Inverse Universe

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



32.9700, 0.2533, 0.2737



52.6498, 0.2397, 0.2585



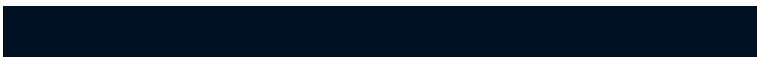
22.3557, 0.2453, 0.2176



10.5490, 0.2984, 0.3170



8.1733, 0.1770, 0.1571



0.4911, 0.1884, 0.1982

Previews

White Background



This preview shows how the Yxy color 38.3074, 0.3841, 0.3782 looks on a white background.

Color Contrast Check

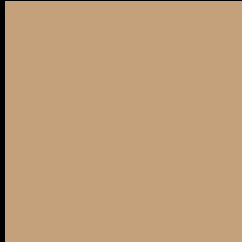
Large Text (above 18pt) WCAG AA × Fail

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 38.3074, 0.3841, 0.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

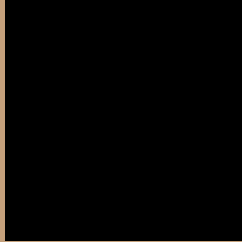
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3074, 0.3841, 0.3782

Background



This preview shows how black text looks on a background with the Yxy color 38.3074, 0.3841, 0.3782.



This preview shows how white text looks on a background with the Yxy color 38.3074, 0.3841, 0.3782.

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

38.3074, 0.3841, 0.3782

Protanopia

38.2438, 0.3604, 0.3854

Deuteranopia

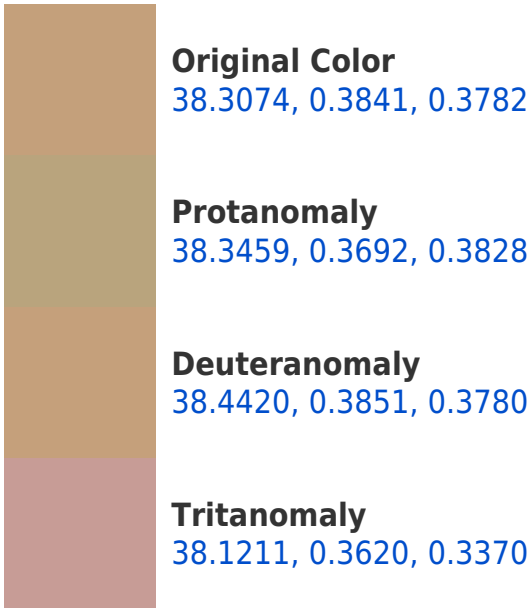
38.4420, 0.3851, 0.3780



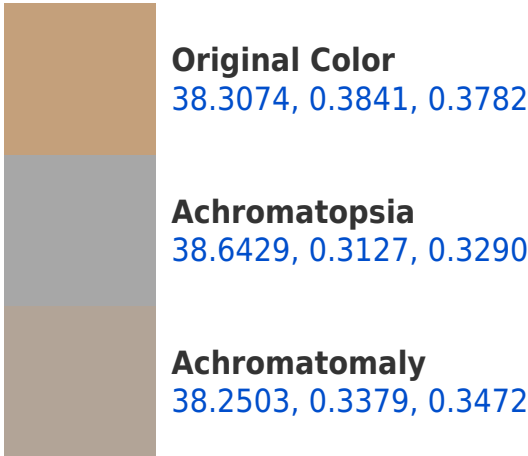
Tritanopia

38.1437, 0.3475, 0.3136

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3074, 0.3841, 0.3782 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, 160, 123)` looks like.

```
.text, #text, p{  
    color:rgb(196, 160, 123)  
}
```

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, 160, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 160, 123) }
```

Border

The CSS property to change the border of an element to Yxy 38.3074, 0.3841, 0.3782 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, 160, 123) }
```

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

```
.border{ border-color:rgb(196, 160, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 160, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 160, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 160, 123);  
box-shadow:4px 4px 4px 4px rgb(196, 160,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3074, 0.3841, 0.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 160, 123) }
```

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

```
.background{ background-color: rgb(196,  
160, 123) }
```

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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