

Converting Colors

$Y_{xy}(42.6650, 0.3775, 0.3879)$

Have a look what the booklet for
Yxy(42.6650, 0.3775, 0.3879)
contains.

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Color

Yxy(42.5025, 0.3773, 0.3877)

Conversions

Conversions Part 1

Format	Color
Hex	C5AB7E
RGB	197, 171, 126
RGB Percent	77%, 67%, 49%
CMY	0.2273, 0.3294, 0.5059
CMYK	0.00, 0.13, 0.36, 0.23
HSL	38°, 38%, 63%
HSV	38°, 36%, 77%
XYZ	41.3624, 42.5025, 25.7624
YIQ	173.6440, 29.9410, -8.4830

Conversions

Conversions Part 2

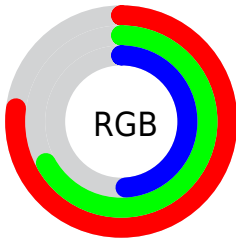
Format	Color
RYB	167, 197, 126
Decimal	12954494
CIELab	71.22, 2.97, 26.67
CIELCh	71, 26.837, 83.646
Yxy	42.5025, 0.3773, 0.3877
Android (android.graphics.Color)	4291144574 (0xFFC5AB7E)
YUV	173.6440, -23.4885, 20.4832
Hunter-Lab	65.1939, -0.8399, 22.2064

Details

The Yxy color **42.5025, 0.3773, 0.3877** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.9413, 0.2534, 0.2620**, and the grayscale version is **42.2494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9074, 0.3658, 0.3770**, and **19.4662, 0.3961, 0.4046** is the 20% darker color. If you saturate the color by 10%, you get **39.3897, 0.3986, 0.4038**, and if you desaturate by 10%, it is **45.8687, 0.3572, 0.3710**.

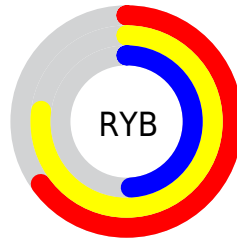
Distribution



Red (77%)

Green (67%)

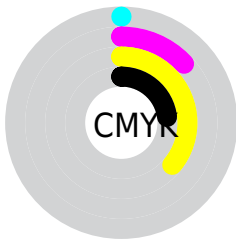
Blue (49%)



Red (65%)

Yellow (77%)

Blue (49%)

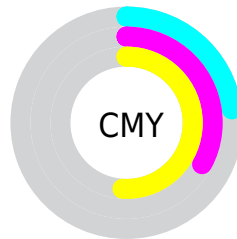


Cyan (0%)

Magenta (13%)

Yellow (36%)

Black (23%)



Cyan (23%)

Magenta (33%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5025, 0.3773, 0.3877 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 42.5025, 0.3773, 0.3877 by changing the saturation by 10% instead.

 42.5025, 0.3773,
0.3877


 42.5025, 0.3773,
0.3877


356.5618, 0.3447,
0.3585


 29.4950, 0.3854,
0.3948


 78.9596, 0.3655,
0.3772

 19.4556, 0.3957,
0.4037


 103.1779, 0.3610,
0.3732

 11.9999, 0.4091,
0.4153


 131.9019, 0.3573,
0.3698

 6.7436, 0.4272,
0.4304

165.5161, 0.3540,
0.3669

 3.3023, 0.4536,
0.4517

204.4048, 0.3512,
0.3644

 1.2915, 0.5061,
0.4939

248.9524, 0.3488,

 0.1346, 0.5982,

0.3622

0.4018

299.5432, 0.3466,
0.3602

0.0000, 0.0000,
0.0000

42.5025, 0.3773,
0.3877

42.5025, 0.3773,
0.3877

39.3897, 0.3986,
0.4038

45.8687, 0.3572,
0.3710

36.5160, 0.4207,
0.4184

49.4900, 0.3388,
0.3544

33.8746, 0.4427,
0.4304

53.3757, 0.3220,
0.3383

31.4554, 0.4634,
0.4386

57.5328, 0.3070,
0.3231

29.2475, 0.4819,
0.4420

61.9678, 0.2936,
0.3089

■ 27.2375, 0.4972,
0.4404

■ 66.6870, 0.2817,
0.2957

■ 26.4894, 0.5028,
0.4390

■ 71.1081, 0.2761,
0.2926

■ 75.0189, 0.2767,
0.3007

■ 79.0960, 0.2773,
0.3086

Harmonies

Analogous

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



42.5025, 0.3900, 0.3623



42.5025, 0.3773, 0.3877



42.5025, 0.3473, 0.3986

Triad

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



42.5025, 0.3773, 0.3877



42.5025, 0.2490, 0.3210



42.5025, 0.3126, 0.2781

Complementary

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



42.5025, 0.3773, 0.3877



30.9413, 0.2534, 0.2620

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.



42.5025, 0.2759, 0.2667



42.5025, 0.3773, 0.3877



42.5025, 0.2410, 0.2887

Square

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



42.5025, 0.3773, 0.3877



42.5025, 0.2734, 0.3587



42.5025, 0.2505, 0.2699



42.5025, 0.3514, 0.3010

Rectangle

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



42.5025, 0.3773, 0.3877



42.5025, 0.3221, 0.3943



42.5025, 0.2505, 0.2699



42.5025, 0.2996, 0.2728

Sweetspot

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



42.5045, 0.3773, 0.3877



91.9356, 0.3304, 0.3465



29.1053, 0.3652, 0.2931



19.4742, 0.3327, 0.3487



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.



42.5045, 0.3773, 0.3877



71.8109, 0.3934, 0.4000



52.2438, 0.3591, 0.4200



11.7378, 0.3274, 0.3436



17.5795, 0.5014, 0.4401



0.9671, 0.4801, 0.4570

Inverse Universe

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



30.9413, 0.2534, 0.2620



48.2028, 0.2400, 0.2448



24.0473, 0.2551, 0.2237



10.9138, 0.2983, 0.3140



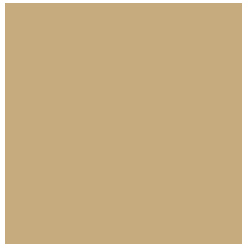
5.8667, 0.1662, 0.1184



0.4157, 0.1782, 0.1614

Previews

White Background



This preview shows how the Yxy color 42.5025, 0.3773, 0.3877 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 42.5025, 0.3773, 0.3877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

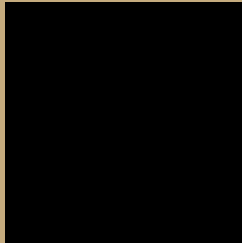
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5025, 0.3773, 0.3877

Background



This preview shows how black text looks on a background with the Yxy color 42.5025, 0.3773, 0.3877.



This preview shows how white text looks on a background with the Yxy color 42.5025, 0.3773, 0.3877.

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

42.5025, 0.3773, 0.3877

Protanopia

42.3692, 0.3654, 0.3923

Deuteranopia

42.4351, 0.3880, 0.3796



Tritanopia

42.4218, 0.3380, 0.3128

Trichromacy



Original Color

42.5025, 0.3773, 0.3877

Protanomaly

42.4958, 0.3696, 0.3902

Deuteranomaly

42.2341, 0.3836, 0.3816

Tritanomaly

42.5236, 0.3531, 0.3406

Monochromacy



Original Color

42.5025, 0.3773, 0.3877

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.2665, 0.3346, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5025, 0.3773, 0.3877 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, 171, 126)` looks like.

```
.text, #text, p{  
    color:rgb(197, 171, 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(197, 171, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 171, 126) }
```

Border

The CSS property to change the border of an element to Yxy 42.5025, 0.3773, 0.3877 is called "border". The border property can be set on classes, ids or directly on the HTML element.

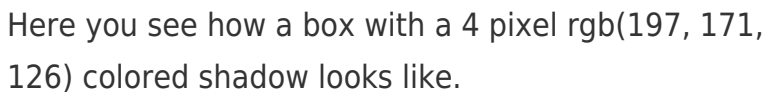
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 171, 126) }
```

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

```
.border{ border-color:rgb(197, 171, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 171, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 171, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 171, 126); box-shadow:4px 4px 4px 4px rgb(197, 171, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5025, 0.3773, 0.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 171, 126) }
```

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

```
.background{ background-color: rgb(197,  
171, 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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