

Converting Colors

Yxy(52.3925, 0.4089, 0.3903)

Have a look what the booklet for
Yxy(52.3925, 0.4089, 0.3903)
contains.

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Color

Yxy(52.3870, 0.4089, 0.3903)

Conversions

Conversions Part 1

Format	Color
Hex	ECB57E
RGB	236, 181, 126
RGB Percent	93%, 71%, 49%
CMY	0.0745, 0.2902, 0.5059
CMYK	0.00, 0.23, 0.47, 0.07
HSL	30°, 74%, 71%
HSV	30°, 47%, 93%
XYZ	54.8835, 52.3870, 26.9519
YIQ	191.1750, 50.4350, -5.4450

Conversions

Conversions Part 2

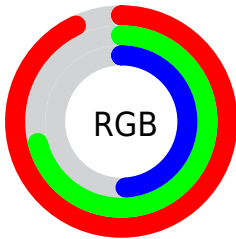
Format	Color
RYB	236, 236, 126
Decimal	15512958
CIELab	77.51, 13.29, 35.65
CIELCh	78, 38.049, 69.549
Yxy	52.3870, 0.4089, 0.3903
Android (android.graphics.Color)	4293703038 (0xFFECB57E)
YUV	191.1750, -32.1313, 39.3115
Hunter-Lab	72.3789, 8.6902, 28.5873

Details

The Yxy color **52.3870, 0.4089, 0.3903** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.5356, 0.2376, 0.2569**, and the grayscale version is **52.3763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0830, 0.3627, 0.3874**, and **25.4251, 0.4339, 0.4029** is the 20% darker color. If you saturate the color by 10%, you get **47.2533, 0.4358, 0.4019**, and if you desaturate by 10%, it is **58.0758, 0.3839, 0.3773**.

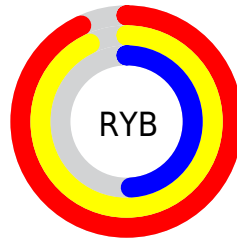
Distribution



Red (93%)

Green (71%)

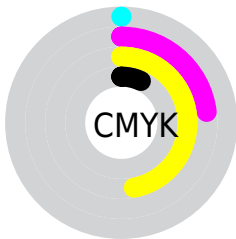
Blue (49%)



Red (93%)

Yellow (93%)

Blue (49%)

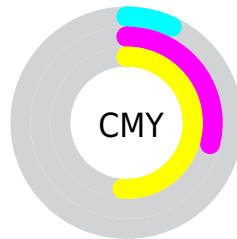


Cyan (0%)

Magenta (23%)

Yellow (47%)

Black (7%)



Cyan (7%)


Magenta (29%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3870, 0.4089, 0.3903 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 52.3870, 0.4089, 0.3903 by changing the saturation by 10% instead.


 52.3870, 0.4089,
0.3903


 52.3870, 0.4089,
0.3903


395.9288, 0.3620,
0.3623

 37.3136, 0.4199,
0.3963


 93.7017, 0.3923,
0.3809

 25.4504, 0.4336,
0.4033


 120.7119, 0.3859,
0.3771

 16.4130, 0.4510,
0.4116


 152.4698, 0.3805,
0.3738

 9.8168, 0.4733,
0.4209


189.3598, 0.3758,
0.3709

 5.2777, 0.5024,
0.4304

231.7663, 0.3717,
0.3684

 2.4111, 0.5531,
0.4469

280.0737, 0.3681,

 0.8316, 0.5794,

0.3662

0.4206

334.6664, 0.3649,
0.3641

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.3870, 0.4089,
0.3903

52.3870, 0.4089,
0.3903

47.2533, 0.4358,
0.4019

58.0758, 0.3839,
0.3773

42.6469, 0.4635,
0.4108

64.3312, 0.3612,
0.3637


38.5484, 0.4907,
0.4157


71.1735, 0.3410,
0.3502

34.9332, 0.5156,
0.4155

78.6196, 0.3232,
0.3372

 31.7727, 0.5365,
0.4098

 86.6855, 0.3077,
0.3250

 30.7955, 0.5430,
0.4071

 94.5491, 0.3012,
0.3258

 96.5746, 0.3011,
0.3290

Harmonies

Analogous

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



52.3870, 0.4130, 0.3519



52.3870, 0.4089, 0.3903



52.3870, 0.3780, 0.4170

Triad

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



52.3870, 0.4089, 0.3903



52.3870, 0.2419, 0.3412



52.3870, 0.2881, 0.2544

Complementary

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



52.3870, 0.4089, 0.3903



43.5356, 0.2376, 0.2569

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.



52.3870, 0.2468, 0.2478



52.3870, 0.4089, 0.3903



52.3870, 0.2219, 0.2928

Square

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



52.3870, 0.4089, 0.3903



52.3870, 0.2811, 0.3905



52.3870, 0.2237, 0.2603



52.3870, 0.3398, 0.2773

Rectangle

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



52.3870, 0.4089, 0.3903



52.3870, 0.3476, 0.4219



52.3870, 0.2237, 0.2603



52.3870, 0.2726, 0.2502

Sweetspot

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



52.3895, 0.4089, 0.3903



87.0466, 0.3362, 0.3468



36.0885, 0.3747, 0.2683



18.2318, 0.3402, 0.3496



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.



52.3895, 0.4089, 0.3903



56.5523, 0.4347, 0.4015



79.3373, 0.3816, 0.4429



16.2986, 0.3280, 0.3408



17.2326, 0.5405, 0.4091



1.5456, 0.5192, 0.4259

Inverse Universe

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



43.5356, 0.2376, 0.2569



44.7899, 0.2228, 0.2387



25.4089, 0.2241, 0.1825



15.7932, 0.2981, 0.3169



10.7379, 0.1772, 0.1580



1.0356, 0.1842, 0.1830

Previews

White Background



This preview shows how the Yxy color 52.3870, 0.4089, 0.3903 looks on a white background.

Color Contrast Check

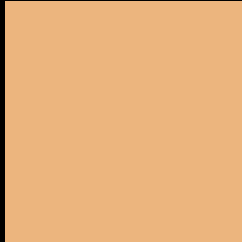
Large Text (above 18pt) WCAG AA × Fail

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 52.3870, 0.4089, 0.3903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

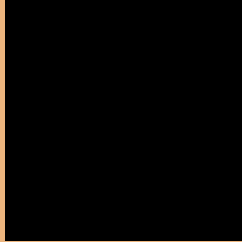
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3870, 0.4089, 0.3903

Background



This preview shows how black text looks on a background with the Yxy color 52.3870, 0.4089, 0.3903.



This preview shows how white text looks on a background with the Yxy color 52.3870, 0.4089, 0.3903.

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

52.3870, 0.4089, 0.3903

Protanopia

52.7209, 0.3751, 0.4045

Deuteranopia

52.3366, 0.4041, 0.3947



Tritanopia

52.3522, 0.3629, 0.3138

Trichromacy



Original Color

52.3870, 0.4089, 0.3903

Protanomaly

52.4568, 0.3867, 0.3988

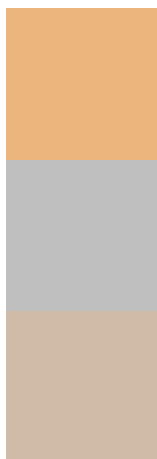
Deuteranomaly

52.2602, 0.4065, 0.3931

Tritanomaly

52.2925, 0.3803, 0.3414

Monochromacy



Original Color

52.3870, 0.4089, 0.3903

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.5961, 0.3459, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3870, 0.4089, 0.3903 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(236, 181, 126)` looks like.

```
.text, #text, p{  
    color:rgb(236, 181, 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(236, 181, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 181, 126) }
```

Border

The CSS property to change the border of an element to Yxy 52.3870, 0.4089, 0.3903 is called "border". The border property can be set on classes, ids or directly on the HTML element.

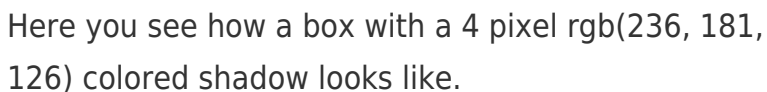
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(236, 181, 126) }
```

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

```
.border{ border-color:rgb(236, 181, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(236, 181, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 181, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 181, 126); box-shadow:4px 4px 4px 4px rgb(236, 181, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3870, 0.4089, 0.3903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 181, 126) }
```

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

```
.background{ background-color: rgb(236,  
181, 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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