

Converting Colors

$Yxy(48.9873, 0.3927, 0.3684)$

Have a look what the booklet for
Yxy(48.9873, 0.3927, 0.3684)
contains.

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Color

Yxy(49.2410, 0.3925, 0.3685)

Conversions

Conversions Part 1

Format	Color
Hex	E5AF8D
RGB	229, 175, 141
RGB Percent	90%, 69%, 55%
CMY	0.1020, 0.3137, 0.4471
CMYK	0.00, 0.24, 0.38, 0.10
HSL	23°, 63%, 73%
HSV	23°, 38%, 90%
XYZ	52.4480, 49.2410, 31.9365
YIQ	187.2700, 43.0980, 0.8740

Conversions

Conversions Part 2

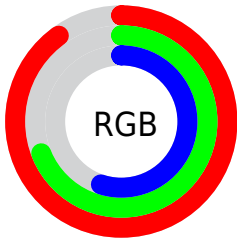
Format	Color
R _Y B	229, 196, 141
Decimal	15052685
CIE Lab	75.60, 15.28, 25.05
CIE LCh	76, 29.340, 58.620
Yxy	49.2410, 0.3925, 0.3685
Android (android.graphics.Color)	4293242765 (0xFFE5AF8D)
YUV	187.2700, -22.8111, 36.5972
Hunter-Lab	70.1719, 10.6139, 22.1364

Details

The Yxy color $49.2410, 0.3925, 0.3685$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $50.3372, 0.2529, 0.2853$, and the grayscale version is $49.9682, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.3520, 0.3535, 0.3654$, and $23.4451, 0.4147, 0.3759$ is the 20% darker color. If you saturate the color by 10%, you get $43.4436, 0.4210, 0.3785$, and if you desaturate by 10%, it is $55.7528, 0.3673, 0.3579$.

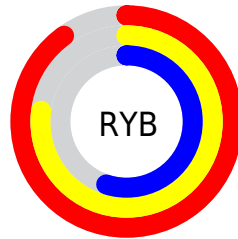
Distribution



Red (90%)

Green (69%)

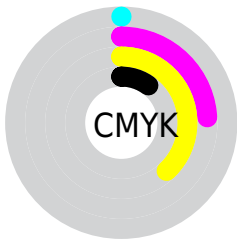
Blue (55%)



Red (90%)

Yellow (77%)

Blue (55%)

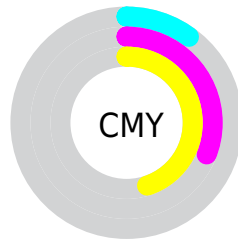


Cyan (0%)

Magenta (24%)

Yellow (38%)

Black (10%)



Cyan (10%)


Magenta (31%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.2410, 0.3925, 0.3685 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 49.2410, 0.3925, 0.3685 by changing the saturation by 10% instead.


 49.2410, 0.3925,
0.3685


 49.2410, 0.3925,
0.3685


383.6903, 0.3528,
0.3503


 34.8107, 0.4022,
0.3725


 89.0493, 0.3782,
0.3623

 23.5171, 0.4146,
0.3773


 115.1961, 0.3728,
0.3598

 14.9758, 0.4307,
0.3831


 146.0171, 0.3682,
0.3577

 8.8024, 0.4525,
0.3900

181.8968, 0.3642,
0.3558

 4.6125, 0.4830,
0.3976

223.2196, 0.3608,
0.3542

 2.0218, 0.5514,
0.4217

270.3699, 0.3578,

 0.6201, 0.6096,

0.3527

0.3904

323.7320, 0.3551,
0.3514

0.0000, 0.0000,
0.0000

49.2410, 0.3925,
0.3685

49.2410, 0.3925,
0.3685

43.4436, 0.4210,
0.3785

55.7528, 0.3673,
0.3579

38.3277, 0.4524,
0.3870

62.9966, 0.3453,
0.3473

33.8675, 0.4854,
0.3927

70.9980, 0.3265,
0.3371

30.0330, 0.5180,
0.3944

79.7792, 0.3103,
0.3275

26.7907, 0.5477,
0.3910

89.3299, 0.2969,
0.3192

■ 24.1001, 0.5722,
0.3825

■ 95.3964, 0.2970,
0.3290

■ 23.7216, 0.5757,
0.3810

Harmonies

Analogous

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



49.2410, 0.3865, 0.3365



49.2410, 0.3925, 0.3685



49.2410, 0.3757, 0.3932

Triad

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



49.2410, 0.3925, 0.3685



49.2410, 0.2666, 0.3536



49.2410, 0.2801, 0.2653

Complementary

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



49.2410, 0.3925, 0.3685



50.3372, 0.2529, 0.2853

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.



49.2410, 0.2514, 0.2659



49.2410, 0.3925, 0.3685



49.2410, 0.2439, 0.3142

Square

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



49.2410, 0.3925, 0.3685



49.2410, 0.3023, 0.3871



49.2410, 0.2387, 0.2827



49.2410, 0.3193, 0.2794

Rectangle

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



49.2410, 0.3925, 0.3685



49.2410, 0.3547, 0.4010



49.2410, 0.2387, 0.2827



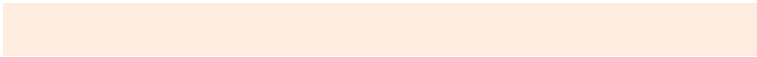
49.2410, 0.2690, 0.2638

Sweetspot

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



49.2433, 0.3925, 0.3685



86.7864, 0.3330, 0.3408



39.6562, 0.3492, 0.2678



18.2867, 0.3355, 0.3421



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.



49.2433, 0.3925, 0.3685



56.9716, 0.4146, 0.3764



69.0985, 0.3741, 0.4145



15.2770, 0.3283, 0.3381



13.7808, 0.5730, 0.3832



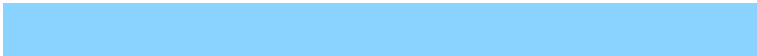
1.1941, 0.5459, 0.4048

Inverse Universe

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



50.3372, 0.2529, 0.2853



58.5210, 0.2413, 0.2745



33.5358, 0.2441, 0.2259



15.3517, 0.2981, 0.3197



14.2782, 0.1882, 0.1975



1.2339, 0.1941, 0.2187

Previews

White Background



This preview shows how the Yxy color 49.2410, 0.3925, 0.3685 looks on a white background.

Color Contrast Check

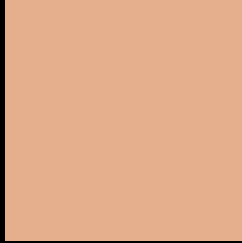
Large Text (above 18pt) WCAG AA × Fail

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 49.2410, 0.3925, 0.3685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

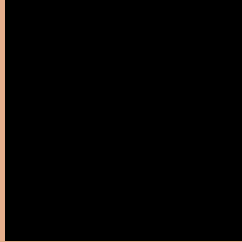
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.2410, 0.3925, 0.3685

Background



This preview shows how black text looks on a background with the Yxy color 49.2410, 0.3925, 0.3685.



This preview shows how white text looks on a background with the Yxy color 49.2410, 0.3925, 0.3685.

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

49.2410, 0.3925, 0.3685

Protanopia

49.3352, 0.3564, 0.3798

Deuteranopia

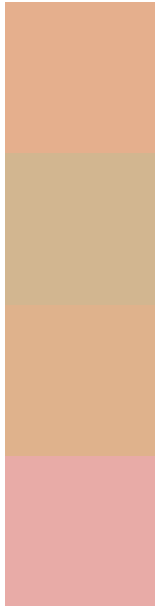
49.3493, 0.3833, 0.3756



Tritanopia

49.0770, 0.3603, 0.3144

Trichromacy



Original Color

49.2410, 0.3925, 0.3685

Protanomaly

49.1712, 0.3695, 0.3758

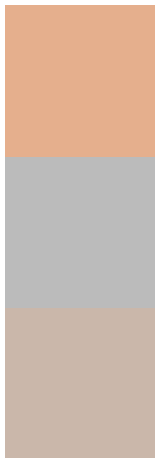
Deuteranomaly

49.4222, 0.3865, 0.3739

Tritanomaly

49.0716, 0.3728, 0.3338

Monochromacy



Original Color

49.2410, 0.3925, 0.3685

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.3258, 0.3398, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2410, 0.3925, 0.3685 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(229, 175, 141)` looks like.

```
.text, #text, p{  
    color:rgb(229, 175, 141)  
}
```

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(229, 175, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 175, 141) }
```

Border

The CSS property to change the border of an element to Yxy 49.2410, 0.3925, 0.3685 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(229, 175, 141) }
```

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

```
.border{ border-color:rgb(229, 175, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 175, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 175, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 175, 141);  
box-shadow:4px 4px 4px 4px rgb(229, 175,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2410, 0.3925, 0.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 175, 141) }
```

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

```
.background{ background-color: rgb(229,  
175, 141) }
```

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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