

Converting Colors

$Yxy(48.8693, 0.3922, 0.3781)$

Have a look what the booklet for
Yxy(48.8693, 0.3922, 0.3781)
contains.

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Color

Yxy(49.0408, 0.3923, 0.3784)

Conversions

Conversions Part 1

Format	Color
Hex	E0B187
RGB	224, 177, 135
RGB Percent	88%, 69%, 53%
CMY	0.1215, 0.3059, 0.4705
CMYK	0.00, 0.21, 0.40, 0.12
HSL	28°, 59%, 70%
HSV	28°, 40%, 88%
XYZ	50.8422, 49.0408, 29.7174
YIQ	186.2650, 41.4940, -3.0980

Conversions

Conversions Part 2

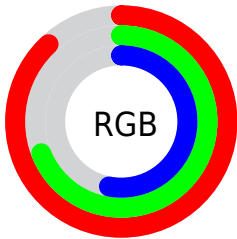
Format	Color
R_{YB}	224, 215, 135
Decimal	14725511
CIE _{Lab}	75.48, 11.58, 27.99
CIE _{LCh}	75, 30.290, 67.513
Yxy	49.0408, 0.3923, 0.3784
Android (android.graphics.Color)	4292915591 (0xFFE0B187)
YUV	186.2650, -25.2736, 33.0936
Hunter-Lab	70.0291, 7.0428, 23.8603

Details

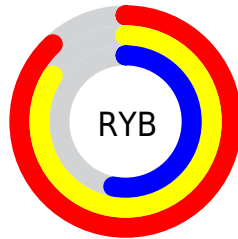
The Yxy color **49.0408, 0.3923, 0.3784** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **44.0143, 0.2495, 0.2732**, and the grayscale version is **49.3893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2119, 0.3571, 0.3735**, and **23.2867, 0.4141, 0.3891** is the 20% darker color. If you saturate the color by 10%, you get **44.0016, 0.4187, 0.3904**, and if you desaturate by 10%, it is **54.6231, 0.3684, 0.3656**.

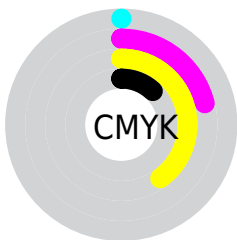
Distribution



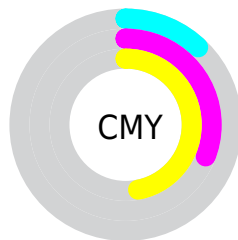
- Red (88%)
- Green (69%)
- Blue (53%)



- Red (88%)
- Yellow (84%)
- Blue (53%)



- Cyan (0%)
- Magenta (21%)
- Yellow (40%)
- Black (12%)





- Cyan (12%)
- Magenta (31%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0408, 0.3923, 0.3784 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 49.0408, 0.3923, 0.3784 by changing the saturation by 10% instead.


 49.0408, 0.3923,
0.3784


 49.0408, 0.3923,
0.3784


382.9029, 0.3528,
0.3552

 34.6518, 0.4019,
0.3836


 88.7520, 0.3781,
0.3704

 23.3948, 0.4140,
0.3899

 114.8431, 0.3727,
0.3672

 14.8853, 0.4297,
0.3977


 145.6037, 0.3682,
0.3645

 8.7389, 0.4507,
0.4070

181.4182, 0.3642,
0.3622

 4.5713, 0.4795,
0.4179

222.6710, 0.3608,
0.3601

 1.9980, 0.5486,
0.4514

269.7464, 0.3578,

 0.6063, 0.5863,

0.3583

0.4137

323.0289, 0.3552,
0.3567

0.0000, 0.0000,
0.0000

49.0408, 0.3923,
0.3784

49.0408, 0.3923,
0.3784

44.0016, 0.4187,
0.3904

54.6231, 0.3684,
0.3656

39.4799, 0.4470,
0.4006

60.7591, 0.3471,
0.3528

35.4580, 0.4760,
0.4078

67.4678, 0.3285,
0.3404

31.9141, 0.5040,
0.4107

74.7649, 0.3123,
0.3287

28.8238, 0.5292,
0.4083

82.6657, 0.2983,
0.3178

■ 26.1535, 0.5504,
0.4010

■ 90.2192, 0.2939,
0.3219

■ 26.0854, 0.5510,
0.4007

■ 94.5908, 0.2941,
0.3289

Harmonies

Analogous

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



49.0408, 0.3935, 0.3466



49.0408, 0.3923, 0.3784



49.0408, 0.3689, 0.4000

Triad

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



49.0408, 0.3923, 0.3784



49.0408, 0.2564, 0.3422



49.0408, 0.2902, 0.2662

Complementary

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



49.0408, 0.3923, 0.3784



44.0143, 0.2495, 0.2732

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.



49.0408, 0.2566, 0.2620



49.0408, 0.3923, 0.3784



49.0408, 0.2382, 0.3026

Square

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



49.0408, 0.3923, 0.3784



49.0408, 0.2900, 0.3805



49.0408, 0.2383, 0.2742



49.0408, 0.3322, 0.2845

Rectangle

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



49.0408, 0.3923, 0.3784



49.0408, 0.3446, 0.4041



49.0408, 0.2383, 0.2742



49.0408, 0.2777, 0.2631

Sweetspot

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



49.0431, 0.3923, 0.3784



88.2972, 0.3327, 0.3433



36.5841, 0.3587, 0.2739



18.6415, 0.3351, 0.3449



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.



49.0431, 0.3923, 0.3784



59.9084, 0.4149, 0.3888



69.3429, 0.3732, 0.4243



14.7611, 0.3280, 0.3401



15.4068, 0.5485, 0.4027



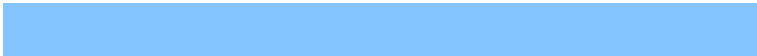
1.2461, 0.5235, 0.4226

Inverse Universe

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



44.0143, 0.2495, 0.2732



52.2335, 0.2360, 0.2585



28.7114, 0.2400, 0.2117



14.4363, 0.2981, 0.3177



10.9572, 0.1800, 0.1679



0.9384, 0.1874, 0.1947

Previews

White Background



This preview shows how the Yxy color 49.0408, 0.3923, 0.3784 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 49.0408, 0.3923, 0.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

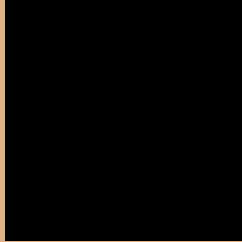
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.0408, 0.3923, 0.3784

Background



This preview shows how black text looks on a background with the Yxy color 49.0408, 0.3923, 0.3784.



This preview shows how white text looks on a background with the Yxy color 49.0408, 0.3923, 0.3784.

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

49.0408, 0.3923, 0.3784

Protanopia

49.2613, 0.3631, 0.3885

Deuteranopia

48.9622, 0.3891, 0.3801



Tritanopia

48.8682, 0.3546, 0.3131

Trichromacy



Original Color

49.0408, 0.3923, 0.3784

Protanomaly

49.2573, 0.3733, 0.3845

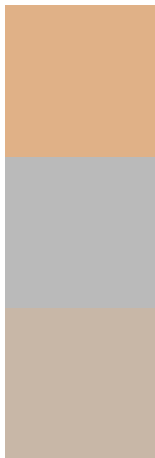
Deuteranomaly

49.1197, 0.3900, 0.3799

Tritanomaly

48.9712, 0.3685, 0.3373

Monochromacy



Original Color

49.0408, 0.3923, 0.3784

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.9364, 0.3405, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0408, 0.3923, 0.3784 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(224, 177, 135)` looks like.

```
.text, #text, p{  
    color:rgb(224, 177, 135)  
}
```

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(224, 177, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 177, 135) }
```

Border

The CSS property to change the border of an element to Yxy 49.0408, 0.3923, 0.3784 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(224, 177, 135) }
```

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

```
.border{ border-color:rgb(224, 177, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 177, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 177, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 177, 135);  
box-shadow:4px 4px 4px 4px rgb(224, 177,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0408, 0.3923, 0.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 177, 135) }
```

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

```
.background{ background-color: rgb(224,  
177, 135) }
```

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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