

Converting Colors

$Yxy(48.7873, 0.4388, 0.4099)$

Have a look what the booklet for
Yxy(48.7873, 0.4388, 0.4099)
contains.

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Color

Yxy(48.9274, 0.4390, 0.4102)

Conversions

Conversions Part 1

Format	Color
Hex	EEAD61
RGB	238, 173, 97
RGB Percent	93%, 68%, 38%
CMY	0.0666, 0.3216, 0.6197
CMYK	0.00, 0.27, 0.59, 0.07
HSL	32°, 81%, 66%
HSV	32°, 59%, 93%
XYZ	52.3626, 48.9274, 17.9870
YIQ	183.7710, 63.1360, -9.8560

Conversions

Conversions Part 2

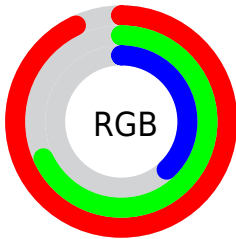
Format	Color
R _Y B	218, 238, 97
Decimal	15641953
CIE Lab	75.41, 15.90, 47.86
CIE LCh	75, 50.428, 71.627
Yxy	48.9274, 0.4390, 0.4102
Android (android.graphics.Color)	4293832033 (0xFFEED61)
YUV	183.7710, -42.7781, 47.5588
Hunter-Lab	69.9481, 11.2144, 33.7174

Details

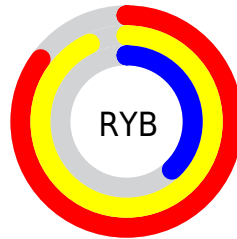
The Yxy color **48.9274, 0.4390, 0.4102** is a light color, and the websafe version is hex **CC9933**. A complement of this color would be **34.5478, 0.2166, 0.2249**, and the grayscale version is **48.0146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9167, 0.3854, 0.4087**, and **23.4637, 0.4695, 0.4246** is the 20% darker color. If you saturate the color by 10%, you get **44.5144, 0.4650, 0.4190**, and if you desaturate by 10%, it is **53.8239, 0.4132, 0.3983**.

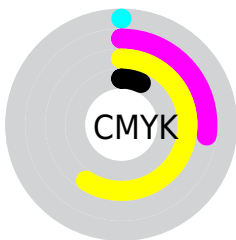
Distribution



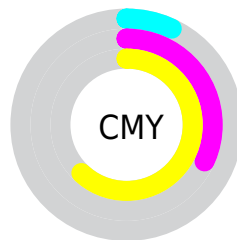
- Red (93%)
- Green (68%)
- Blue (38%)



- Red (85%)
- Yellow (93%)
- Blue (38%)



- Cyan (0%)
- Magenta (27%)
- Yellow (59%)
- Black (7%)



- Cyan (7%)
- Magenta (32%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9274, 0.4390, 0.4102 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 48.9274, 0.4390, 0.4102 by changing the saturation by 10% instead.


 48.9274, 0.4390,
0.4102


 48.9274, 0.4390,
0.4102


382.4564, 0.3780,
0.3744


 34.5619, 0.4528,
0.4171


 88.5836, 0.4177,
0.3986

 23.3256, 0.4696,
0.4248


 114.6431, 0.4094,
0.3938

 14.8341, 0.4898,
0.4326


 145.3694, 0.4023,
0.3895

 8.7030, 0.5141,
0.4394

 181.1469, 0.3961,
0.3858

 4.5480, 0.5511,
0.4489

222.3599, 0.3907,
0.3825

 1.9846, 0.5701,
0.4299

269.3929, 0.3860,

 0.5985, 0.6165,

0.3795

0.3835

322.6303, 0.3817,
0.3768

0.0000, 0.0000,
0.0000

48.9274, 0.4390,
0.4102

48.9274, 0.4390,
0.4102

44.5144, 0.4650,
0.4190

53.8239, 0.4132,
0.3983

40.5570, 0.4898,
0.4235

59.2153, 0.3887,
0.3846

37.0345, 0.5118,
0.4227

65.1216, 0.3661,
0.3701

33.9152, 0.5301,
0.4168


71.5590, 0.3457,
0.3556

33.6967, 0.5314,
0.4162

78.5429, 0.3276,
0.3414

 86.0882, 0.3116,
0.3280

 93.6435, 0.3024,
0.3239

 96.9187, 0.3023,
0.3290

Harmonies

Analogous

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



48.9274, 0.4494, 0.3595



48.9274, 0.4390, 0.4102



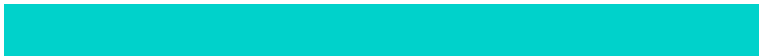
48.9274, 0.3939, 0.4482

Triad

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



48.9274, 0.4390, 0.4102



48.9274, 0.2156, 0.3391



48.9274, 0.2833, 0.2333

Complementary

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



48.9274, 0.4390, 0.4102



34.5478, 0.2166, 0.2249

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.



48.9274, 0.2283, 0.2226



48.9274, 0.4390, 0.4102



48.9274, 0.1929, 0.2744

Square

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



48.9274, 0.4390, 0.4102



48.9274, 0.2646, 0.4105



48.9274, 0.1975, 0.2352



48.9274, 0.3534, 0.2636

Rectangle

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



48.9274, 0.4390, 0.4102



48.9274, 0.3522, 0.4564



48.9274, 0.1975, 0.2352



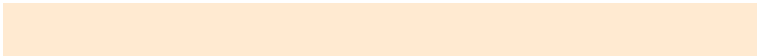
48.9274, 0.2626, 0.2274

Sweetspot

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



48.9298, 0.4390, 0.4102



84.6250, 0.3435, 0.3538



29.3605, 0.4072, 0.2592



17.6239, 0.3491, 0.3581



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.



48.9298, 0.4390, 0.4102



51.0877, 0.4701, 0.4203



79.3925, 0.3932, 0.4699



17.1705, 0.3280, 0.3417



19.0598, 0.5292, 0.4180



1.7845, 0.5108, 0.4326

Inverse Universe

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



34.5478, 0.2166, 0.2249



32.9235, 0.1998, 0.1994



17.5245, 0.2002, 0.1395



16.4294, 0.2980, 0.3159



9.8822, 0.1736, 0.1451



1.0190, 0.1806, 0.1700

Previews

White Background



This preview shows how the Yxy color 48.9274, 0.4390, 0.4102 looks on a white background.

Color Contrast Check

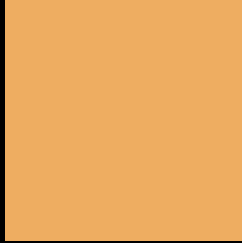
Large Text (above 18pt) WCAG AA × Fail

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 48.9274, 0.4390, 0.4102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

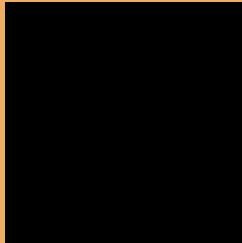
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.9274, 0.4390, 0.4102

Background



This preview shows how black text looks on a background with the Yxy color 48.9274, 0.4390, 0.4102.



This preview shows how white text looks on a background with the Yxy color 48.9274, 0.4390, 0.4102.

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

48.9274, 0.4390, 0.4102

Protanopia

49.0365, 0.3971, 0.4320

Deuteranopia

48.7828, 0.4278, 0.4189



Tritanopia

48.9186, 0.3774, 0.3161

Trichromacy



Original Color

48.9274, 0.4390, 0.4102

Protanomaly

48.7196, 0.4121, 0.4232

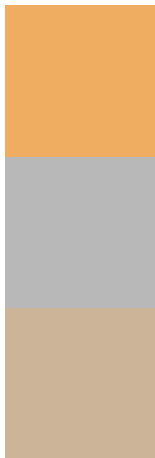
Deuteranomaly

49.0510, 0.4322, 0.4163

Tritanomaly

48.6213, 0.4025, 0.3514

Monochromacy



Original Color

48.9274, 0.4390, 0.4102

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.7469, 0.3577, 0.3642

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9274, 0.4390, 0.4102 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(238, 173, 97)` looks like.

```
.text, #text, p{  
    color:rgb(238, 173, 97)  
}
```

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(238, 173, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 173, 97) }
```

Border

The CSS property to change the border of an element to Yxy 48.9274, 0.4390, 0.4102 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(238, 173, 97) }
```

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

```
.border{ border-color:rgb(238, 173, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 173, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 173, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 173, 97);  
box-shadow:4px 4px 4px 4px rgb(238, 173,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9274, 0.4390, 0.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 173, 97) }
```

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

```
.background{ background-color: rgb(238,  
173, 97) }
```

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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