

Converting Colors

$Yxy(48.2824, 0.3878, 0.3647)$

Have a look what the booklet for
Yxy(48.2824, 0.3878, 0.3647)
contains.

Yxy(48.4240, 0.3884, 0.3655)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.4240, 0.3884, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	E2AE8F
RGB	226, 174, 143
RGB Percent	89%, 68%, 56%
CMY	0.1137, 0.3176, 0.4394
CMYK	0.00, 0.23, 0.37, 0.11
HSL	22°, 59%, 72%
HSV	22°, 37%, 89%
XYZ	51.4580, 48.4240, 32.6051
YIQ	186.0140, 40.9430, 1.3830

Conversions

Conversions Part 2

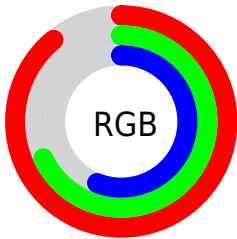
Format	Color
R _{YB}	226, 192, 143
Decimal	14855823
CIE Lab	75.09, 14.88, 23.25
CIE LCh	75, 27.602, 57.386
Yxy	48.4240, 0.3884, 0.3655
Android (android.graphics.Color)	4293045903 (0xFFE2AE8F)
YUV	186.0140, -21.2059, 35.0677
Hunter-Lab	69.5874, 10.2180, 20.9309

Details

The Yxy color **48.4240, 0.3884, 0.3655** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **50.3429, 0.2557, 0.2889**, and the grayscale version is **49.2150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8848, 0.3524, 0.3624**, and **23.1268, 0.4097, 0.3752** is the 20% darker color. If you saturate the color by 10%, you get **42.6255, 0.4167, 0.3753**, and if you desaturate by 10%, it is **54.9413, 0.3635, 0.3552**.

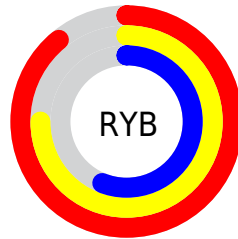
Distribution



Red (89%)

Green (68%)

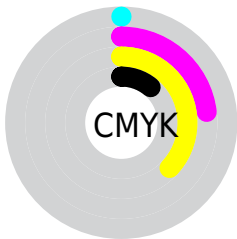
Blue (56%)



Red (89%)

Yellow (75%)

Blue (56%)

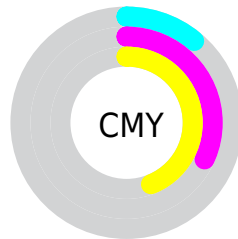


Cyan (0%)

Magenta (23%)

Yellow (37%)

Black (11%)



Cyan (11%)

Magenta (32%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4240, 0.3884, 0.3655 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 48.4240, 0.3884, 0.3655 by changing the saturation by 10% instead.


 48.4240, 0.3884,
0.3655

 48.4240, 0.3884,
0.3655


380.4703, 0.3506,
0.3485

 34.1628, 0.3977,
0.3693


 87.8354, 0.3747,
0.3597

 23.0187, 0.4096,
0.3738

 113.7543, 0.3696,
0.3574

 14.6073, 0.4252,
0.3793


144.3279, 0.3652,
0.3554

 8.5442, 0.4464,
0.3860

179.9406, 0.3614,
0.3537

 4.4451, 0.4765,
0.3936

220.9768, 0.3582,
0.3522

 1.9255, 0.5422,
0.4160

267.8209, 0.3553,

 0.5637, 0.6150,

0.3508

0.3850

320.8573, 0.3528,
0.3496

0.0000, 0.0000,
0.0000

48.4240, 0.3884,
0.3655

48.4240, 0.3884,
0.3655

42.6255, 0.4167,
0.3753

54.9413, 0.3635,
0.3552

37.5128, 0.4481,
0.3838

62.1951, 0.3420,
0.3450

33.0603, 0.4815,
0.3898

70.2111, 0.3236,
0.3352

29.2379, 0.5150,
0.3920

79.0115, 0.3079,
0.3261

26.0124, 0.5459,
0.3893

88.5553, 0.2950,
0.3186

■ 23.3459, 0.5716,
0.3814

■ 94.9104, 0.2952,
0.3289

■ 22.5862, 0.5792,
0.3783

Harmonies

Analogous

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



48.4240, 0.3818, 0.3350



48.4240, 0.3884, 0.3655



48.4240, 0.3734, 0.3891

Triad

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



48.4240, 0.3884, 0.3655



48.4240, 0.2703, 0.3538



48.4240, 0.2805, 0.2682

Complementary

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



48.4240, 0.3884, 0.3655



50.3429, 0.2557, 0.2889

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.



48.4240, 0.2537, 0.2695



48.4240, 0.3884, 0.3655



48.4240, 0.2480, 0.3166

Square

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



48.4240, 0.3884, 0.3655



48.4240, 0.3045, 0.3847



48.4240, 0.2423, 0.2862



48.4240, 0.3175, 0.2811

Rectangle

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



48.4240, 0.3884, 0.3655



48.4240, 0.3540, 0.3969



48.4240, 0.2423, 0.2862



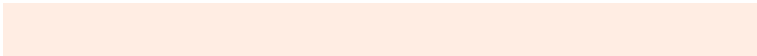
48.4240, 0.2701, 0.2670

Sweetspot

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



48.4263, 0.3884, 0.3655



87.6239, 0.3312, 0.3394



39.7690, 0.3457, 0.2691



18.4473, 0.3337, 0.3407



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.



48.4263, 0.3884, 0.3655



57.8264, 0.4095, 0.3730



66.7213, 0.3719, 0.4094



14.5357, 0.3283, 0.3378



13.0939, 0.5763, 0.3806



1.0756, 0.5473, 0.4036

Inverse Universe

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



50.3429, 0.2557, 0.2889



60.6604, 0.2446, 0.2791



34.4501, 0.2478, 0.2332



14.6662, 0.2981, 0.3200



14.3234, 0.1895, 0.2021



1.1630, 0.1955, 0.2239

Previews

White Background



This preview shows how the Yxy color 48.4240, 0.3884, 0.3655 looks on a white background.

Color Contrast Check

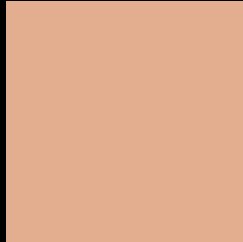
Large Text (above 18pt) WCAG AA × Fail

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 48.4240, 0.3884, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

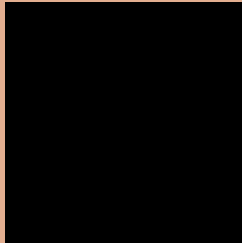
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4240, 0.3884, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 48.4240, 0.3884, 0.3655.



This preview shows how white text looks on a background with the Yxy color 48.4240, 0.3884, 0.3655.

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

48.4240, 0.3884, 0.3655

Protanopia

48.7064, 0.3532, 0.3763

Deuteranopia

48.5455, 0.3792, 0.3725



Tritanopia

48.5763, 0.3576, 0.3143

Trichromacy



Original Color

48.4240, 0.3884, 0.3655

Protanomaly

48.5330, 0.3663, 0.3725

Deuteranomaly

48.6129, 0.3824, 0.3709

Tritanomaly

48.6110, 0.3691, 0.3326

Monochromacy



Original Color

48.4240, 0.3884, 0.3655

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.7757, 0.3391, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4240, 0.3884, 0.3655 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(226, 174, 143)` looks like.

```
.text, #text, p{  
    color:rgb(226, 174, 143)  
}
```

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(226, 174, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 174, 143) }
```

Border

The CSS property to change the border of an element to Yxy 48.4240, 0.3884, 0.3655 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(226, 174, 143) }
```

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

```
.border{ border-color:rgb(226, 174, 143) }
```

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

Here you see how a box with a 4 pixel rgb(226, 174, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 174, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 174, 143);  
box-shadow:4px 4px 4px 4px rgb(226, 174,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4240, 0.3884, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 174, 143) }
```

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

```
.background{ background-color: rgb(226,  
174, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor