

Converting Colors

$Y_{xy}(30.4940, 0.4812, 0.3723)$

Have a look what the booklet for
Yxy(30.4940, 0.4812, 0.3723)
contains.

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Color

Yxy(30.3909, 0.4810, 0.3723)

Conversions

Conversions Part 1

Format	Color
Hex	E07A53
RGB	224, 122, 83
RGB Percent	88%, 48%, 33%
CMY	0.1215, 0.5216, 0.6746
CMYK	0.00, 0.46, 0.63, 0.12
HSL	17°, 69%, 60%
HSV	17°, 63%, 88%
XYZ	39.2641, 30.3909, 11.9751
YIQ	148.0520, 73.3110, 9.4950

Conversions

Conversions Part 2

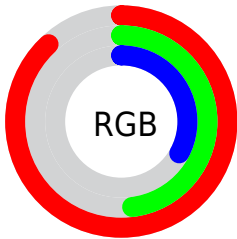
Format	Color
RYB	224, 137, 83
Decimal	14711379
CIELab	61.99, 36.22, 38.64
CIElCh	62, 52.962, 46.855
Yxy	30.3909, 0.4810, 0.3723
Android (android.graphics.Color)	4292901459 (0xFFE07A53)
YUV	148.0520, -32.0706, 66.6064
Hunter-Lab	55.1279, 30.6602, 25.7103

Details

The Yxy color **30.3909, 0.4810, 0.3723** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **41.9154, 0.2245, 0.2738**, and the grayscale version is **29.7504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0041, 0.4224, 0.3740**, and **12.5264, 0.5329, 0.3733** is the 20% darker color. If you saturate the color by 10%, you get **26.4479, 0.5194, 0.3742**, and if you desaturate by 10%, it is **35.1123, 0.4441, 0.3675**.

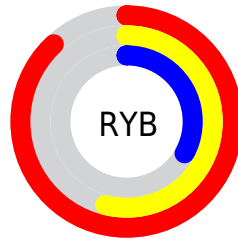
Distribution



Red (88%)

Green (48%)

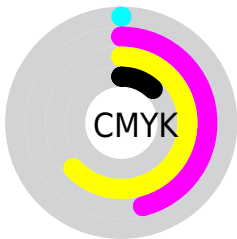
Blue (33%)



Red (88%)

Yellow (54%)

Blue (33%)

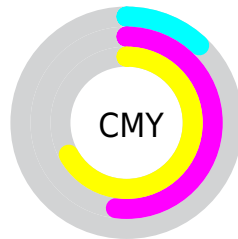


Cyan (0%)

Magenta (46%)

Yellow (63%)

Black (12%)



Cyan (12%)


Magenta (52%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3909, 0.4810, 0.3723 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 30.3909, 0.4810, 0.3723 by changing the saturation by 10% instead.


 30.3909, 0.4810,
0.3723


 30.3909, 0.4810,
0.3723


303.7223, 0.3917,
0.3560

 20.1355, 0.5038,
0.3737


 60.2798, 0.4479,
0.3682

 12.4936, 0.5327,
0.3734


 80.6821, 0.4356,
0.3660


 7.0808, 0.5697,
0.3694


 105.2355, 0.4253,
0.3640

 3.5127, 0.6338,
0.3662

 134.3243, 0.4165,
0.3621

 1.4049, 0.6763,
0.3237

 168.3330, 0.4090,
0.3604

 0.2203, 0.8356,
0.1644

207.6460, 0.4025,

 0.0000, 1.0000,

0.3588

0.0000

252.6476, 0.3968,
0.3573

0.0000, 0.0000,
0.0000

30.3909, 0.4810,
0.3723

30.3909, 0.4810,
0.3723

26.4479, 0.5194,
0.3742

35.1123, 0.4441,
0.3675

23.2343, 0.5559,
0.3720

40.6476, 0.4106,
0.3608

20.7026, 0.5866,
0.3653

47.0358, 0.3813,
0.3533


19.2927, 0.6038,
0.3588

54.3118, 0.3562,
0.3456

62.5085, 0.3351,
0.3381

 71.6571, 0.3174,
0.3310

 81.7874, 0.3025,
0.3244

 92.4561, 0.2940,
0.3256

 94.5897, 0.2940,
0.3289

Harmonies

Analogous

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



30.3909, 0.4519, 0.3120



30.3909, 0.4810, 0.3723



30.3909, 0.4570, 0.4326

Triad

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



30.3909, 0.4810, 0.3723



30.3909, 0.2405, 0.4170



30.3909, 0.2205, 0.2029

Complementary

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



30.3909, 0.4810, 0.3723



41.9154, 0.2245, 0.2738

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.



30.3909, 0.1799, 0.2112



30.3909, 0.4810, 0.3723



30.3909, 0.1885, 0.3238

Square

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



30.3909, 0.4810, 0.3723



30.3909, 0.3162, 0.4799



30.3909, 0.1689, 0.2501



30.3909, 0.2899, 0.2201

Rectangle

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



30.3909, 0.4810, 0.3723



30.3909, 0.4188, 0.4665



30.3909, 0.1689, 0.2501



30.3909, 0.2036, 0.2026

Sweetspot

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



30.3925, 0.4810, 0.3723



76.9058, 0.3477, 0.3427



25.5950, 0.3631, 0.2174



15.8033, 0.3541, 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.



30.3925, 0.4810, 0.3723



33.8195, 0.5329, 0.3739



53.7816, 0.4225, 0.4459



14.3147, 0.3285, 0.3356



11.3943, 0.6011, 0.3609



0.9377, 0.5706, 0.3851

Inverse Universe

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



41.9154, 0.2245, 0.2738



50.1692, 0.2119, 0.2596



19.6849, 0.2004, 0.1696



14.8976, 0.2982, 0.3224



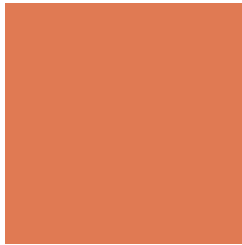
18.3809, 0.1991, 0.2368



1.4218, 0.2035, 0.2527

Previews

White Background



This preview shows how the Yxy color 30.3909, 0.4810, 0.3723 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 30.3909, 0.4810, 0.3723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

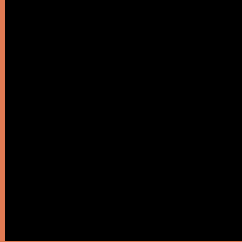
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3909, 0.4810, 0.3723

Background



This preview shows how black text looks on a background with the Yxy color 30.3909, 0.4810, 0.3723.



This preview shows how white text looks on a background with the Yxy color 30.3909, 0.4810, 0.3723.

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

30.3909, 0.4810, 0.3723

Protanopia

30.4955, 0.3839, 0.4152

Deuteranopia

30.3998, 0.4245, 0.4163



Tritanopia

30.5341, 0.4377, 0.3202

Trichromacy



Original Color

30.3909, 0.4810, 0.3723

Protanomaly

29.9165, 0.4195, 0.3993

Deuteranomaly

30.0492, 0.4469, 0.3989

Tritanomaly

30.4882, 0.4543, 0.3397

Monochromacy



Original Color

30.3909, 0.4810, 0.3723

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.1506, 0.3708, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3909, 0.4810, 0.3723 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, 122, 83)` looks like.

```
.text, #text, p{  
    color:rgb(224, 122, 83)  
}
```

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, 122, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 122, 83) }
```

Border

The CSS property to change the border of an element to Yxy 30.3909, 0.4810, 0.3723 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, 122, 83) }
```

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

```
.border{ border-color:rgb(224, 122, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 122, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 122, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 122, 83);  
box-shadow:4px 4px 4px 4px rgb(224, 122,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3909, 0.4810, 0.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 122, 83) }
```

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

```
.background{ background-color: rgb(224,  
122, 83) }
```

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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