

Converting Colors

Yxy(30.3145, 0.4924, 0.3680)

Have a look what the booklet for
Yxy(30.3145, 0.4924, 0.3680)
contains.

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Color

Yxy(30.3739, 0.4922, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	E67651
RGB	230, 118, 81
RGB Percent	90%, 46%, 32%
CMY	0.0981, 0.5372, 0.6824
CMYK	0.00, 0.49, 0.65, 0.10
HSL	15°, 75%, 61%
HSV	15°, 65%, 90%
XYZ	40.5920, 30.3739, 11.5046
YIQ	147.2700, 78.6290, 12.2370

Conversions

Conversions Part 2

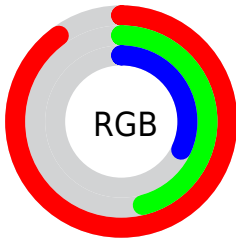
Format	Color
R _Y B	230, 130, 81
Decimal	15103569
CIE Lab	61.98, 40.43, 39.89
CIE LCh	62, 56.797, 44.612
Yxy	30.3739, 0.4922, 0.3683
Android (android.graphics.Color)	4293293649 (0xFFE67651)
YUV	147.2700, -32.6711, 72.5542
Hunter-Lab	55.1125, 35.0236, 26.2021

Details

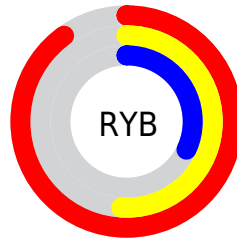
The Yxy color **30.3739, 0.4922, 0.3683** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **45.5767, 0.2239, 0.2779**, and the grayscale version is **29.4102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4037, 0.4264, 0.3719**, and **12.4469, 0.5473, 0.3663** is the 20% darker color. If you saturate the color by 10%, you get **26.3821, 0.5318, 0.3690**, and if you desaturate by 10%, it is **35.2315, 0.4535, 0.3645**.

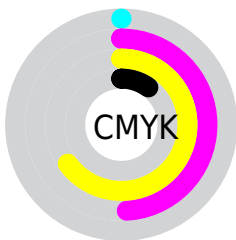
Distribution



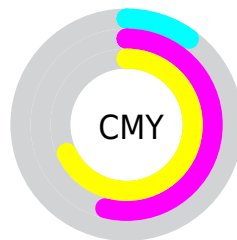
- Red (90%)
- Green (46%)
- Blue (32%)



- Red (90%)
- Yellow (51%)
- Blue (32%)



- Cyan (0%)
- Magenta (49%)
- Yellow (65%)
- Black (10%)





- Cyan (10%)
- Magenta (54%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3739, 0.4922, 0.3683 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 30.3739, 0.4922, 0.3683 by changing the saturation by 10% instead.


 30.3739, 0.4922,
0.3683


 30.3739, 0.4922,
0.3683


303.6434, 0.3972,
0.3550


 20.1226, 0.5163,
0.3686


 60.2530, 0.4571,
0.3655


 12.4842, 0.5466,
0.3667


 80.6495, 0.4440,
0.3638

 7.0743, 0.5852,
0.3603


 105.1966, 0.4330,
0.3621

 3.5086, 0.6483,
0.3517

 134.2785, 0.4237,
0.3605

 1.4027, 0.6935,
0.3065

 168.2798, 0.4156,
0.3590

 0.2187, 0.8507,
0.1493

207.5848, 0.4087,

 0.0000, 1.0000,

0.3576

0.0000

252.5778, 0.4026,
0.3562

■ 0.0000, 0.0000,
0.0000

■ 30.3739, 0.4922,
0.3683

■ 30.3739, 0.4922,
0.3683

■ 26.3821, 0.5318,
0.3690

■ 35.2315, 0.4535,
0.3645

■ 23.1980, 0.5685,
0.3658

■ 40.9982, 0.4182,
0.3589


■ 20.7635, 0.5980,
0.3583

■ 47.7202, 0.3873,
0.3522

■ 19.7627, 0.6102,
0.3537

■ 55.4392, 0.3610,
0.3452

■ 64.1940, 0.3389,
0.3384

 74.0216, 0.3204,
0.3319

 84.9571, 0.3050,
0.3259

 95.5599, 0.2976,
0.3290

Harmonies

Analogous

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



30.3739, 0.4573, 0.3055



30.3739, 0.4922, 0.3683



30.3739, 0.4692, 0.4327

Triad

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



30.3739, 0.4922, 0.3683



30.3739, 0.2403, 0.4311



30.3739, 0.2103, 0.1952

Complementary

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



30.3739, 0.4922, 0.3683



45.5767, 0.2239, 0.2779

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.



30.3739, 0.1703, 0.2056



30.3739, 0.4922, 0.3683



30.3739, 0.1835, 0.3298

Square

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



30.3739, 0.4922, 0.3683



30.3739, 0.3216, 0.4943



30.3739, 0.1609, 0.2487



30.3739, 0.2815, 0.2116

Rectangle

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



30.3739, 0.4922, 0.3683



30.3739, 0.4296, 0.4709



30.3739, 0.1609, 0.2487



30.3739, 0.1935, 0.1955

Sweetspot

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



30.3755, 0.4922, 0.3683



76.1940, 0.3480, 0.3413



26.6524, 0.3589, 0.2105



15.6337, 0.3544, 0.3433



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.



30.3755, 0.4922, 0.3683



31.7601, 0.5458, 0.3683



54.3487, 0.4295, 0.4439



14.9470, 0.3286, 0.3349



11.3532, 0.6076, 0.3558



0.9835, 0.5791, 0.3784

Inverse Universe

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



45.5767, 0.2239, 0.2779



51.9946, 0.2124, 0.2652



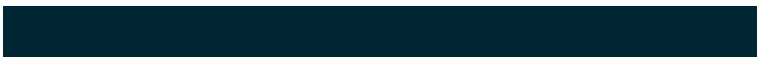
21.0669, 0.1987, 0.1710



15.6977, 0.2981, 0.3230



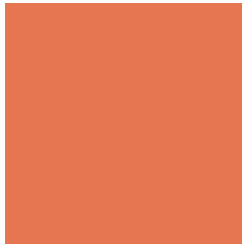
20.3208, 0.2019, 0.2467



1.6460, 0.2056, 0.2601

Previews

White Background



This preview shows how the Yxy color 30.3739, 0.4922, 0.3683 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 30.3739, 0.4922, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

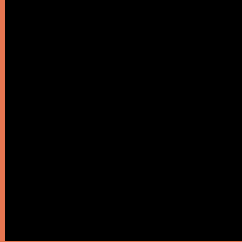
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3739, 0.4922, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 30.3739, 0.4922, 0.3683.



This preview shows how white text looks on a background with the Yxy color 30.3739, 0.4922, 0.3683.

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

30.3739, 0.4922, 0.3683

Protanopia

30.4955, 0.3839, 0.4152

Deuteranopia

30.4810, 0.4283, 0.4193



Tritanopia

30.3465, 0.4503, 0.3205

Trichromacy



Original Color

30.3739, 0.4922, 0.3683

Protanomaly

29.5896, 0.4233, 0.3960

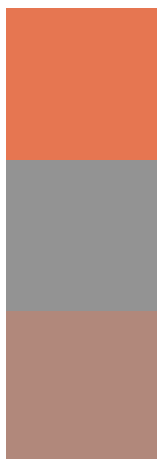
Deuteranomaly

30.0178, 0.4519, 0.3991

Tritanomaly

30.2910, 0.4670, 0.3393

Monochromacy



Original Color

30.3739, 0.4922, 0.3683

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.3855, 0.3743, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3739, 0.4922, 0.3683 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(230, 118, 81)` looks like.

```
.text, #text, p{  
    color:rgb(230, 118, 81)  
}
```

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(230, 118, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 118, 81) }
```

Border

The CSS property to change the border of an element to Yxy 30.3739, 0.4922, 0.3683 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(230, 118, 81) }
```

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

```
.border{ border-color:rgb(230, 118, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 118, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 118, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 118, 81);  
box-shadow:4px 4px 4px 4px rgb(230, 118,  
81) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 30.3739, 0.4922, 0.3683$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 118, 81) }
```

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

```
.background{ background-color: rgb(230,  
118, 81) }
```

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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