

Converting Colors

$Y_{xy}(30.3650, 0.4726, 0.3603)$

Have a look what the booklet for
Yxy(30.3650, 0.4726, 0.3603)
contains.

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Color

Yxy(30.4726, 0.4719, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	E1795D
RGB	225, 121, 93
RGB Percent	88%, 47%, 36%
CMY	0.1176, 0.5255, 0.6352
CMYK	0.00, 0.46, 0.59, 0.12
HSL	13°, 69%, 62%
HSV	13°, 59%, 88%
XYZ	39.8670, 30.4726, 14.1423
YIQ	148.9040, 70.9720, 13.3400

Conversions

Conversions Part 2

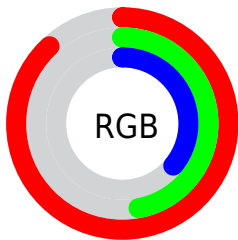
Format	Color
R _Y B	225, 129, 93
Decimal	14776669
CIE Lab	62.06, 37.81, 33.30
CIE LCh	62, 50.386, 41.368
Yxy	30.4726, 0.4719, 0.3607
Android (android.graphics.Color)	4292966749 (0xFFE1795D)
YUV	148.9040, -27.5607, 66.7362
Hunter-Lab	55.2020, 32.3095, 23.4518

Details

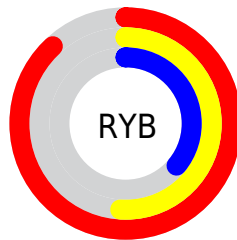
The Yxy color **30.4726, 0.4719, 0.3607** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **47.7122, 0.2319, 0.2905**, and the grayscale version is **30.1097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9336, 0.4132, 0.3618**, and **12.5769, 0.5225, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **26.2115, 0.5128, 0.3628**, and if you desaturate by 10%, it is **35.6462, 0.4338, 0.3565**.

Distribution



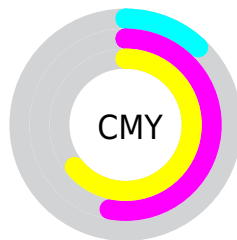
- Red (88%)
- Green (47%)
- Blue (36%)



- Red (88%)
- Yellow (51%)
- Blue (36%)



- Cyan (0%)
- Magenta (46%)
- Yellow (59%)
- Black (12%)





- Cyan (12%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4726, 0.4719, 0.3607 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 30.4726, 0.4719, 0.3607 by changing the saturation by 10% instead.


 30.4726, 0.4719,
0.3607


 30.4726, 0.4719,
0.3607


304.1012, 0.3868,
0.3494

 20.1976, 0.4941,
0.3613


 60.4088, 0.4401,
0.3580

 12.5387, 0.5227,
0.3606


 80.8387, 0.4283,
0.3566

 7.1117, 0.5604,
0.3565


 105.4224, 0.4186,
0.3552

 3.5321, 0.6182,
0.3491

 134.5443, 0.4103,
0.3538

 1.4154, 0.6825,
0.3175

168.5887, 0.4031,
0.3526

 0.2280, 0.8376,
0.1624

207.9400, 0.3970,

 0.0000, 1.0000,

0.3514

0.0000

252.9827, 0.3916,
0.3504

0.0000, 0.0000,
0.0000

30.4726, 0.4719,
0.3607

30.4726, 0.4719,
0.3607

26.2115, 0.5128,
0.3628

35.6462, 0.4338,
0.3565

22.8041, 0.5532,
0.3617

41.7771, 0.4001,
0.3511

20.1919, 0.5884,
0.3569

48.9126, 0.3713,
0.3452

18.3028, 0.6143,
0.3490

57.0955, 0.3472,
0.3393

18.0974, 0.6173,
0.3480

66.3663, 0.3272,
0.3336

■ 76.7629, 0.3107,
0.3283

■ 88.3218, 0.2969,
0.3235

■ 94.7486, 0.2946,
0.3289

Harmonies

Analogous

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



30.4726, 0.4346, 0.3032



30.4726, 0.4719, 0.3607



30.4726, 0.4583, 0.4191

Triad

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



30.4726, 0.4719, 0.3607



30.4726, 0.2563, 0.4267



30.4726, 0.2152, 0.2075

Complementary

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



30.4726, 0.4719, 0.3607



47.7122, 0.2319, 0.2905

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.



30.4726, 0.1812, 0.2209



30.4726, 0.4719, 0.3607



30.4726, 0.2009, 0.3403

Square

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



30.4726, 0.4719, 0.3607



30.4726, 0.3311, 0.4762



30.4726, 0.1759, 0.2647



30.4726, 0.2773, 0.2198

Rectangle

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



30.4726, 0.4719, 0.3607



30.4726, 0.4260, 0.4531



30.4726, 0.1759, 0.2647



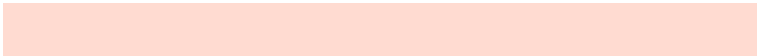
30.4726, 0.2007, 0.2089

Sweetspot

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



30.4742, 0.4719, 0.3607



76.4422, 0.3461, 0.3390



27.9473, 0.3480, 0.2150



15.6439, 0.3526, 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.



30.4742, 0.4719, 0.3607



33.8990, 0.5204, 0.3628



51.6701, 0.4212, 0.4313



14.1690, 0.3287, 0.3340



10.5658, 0.6149, 0.3500



0.8623, 0.5854, 0.3734

Inverse Universe

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



47.7122, 0.2319, 0.2905



58.4881, 0.2209, 0.2813



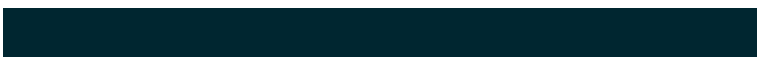
24.4363, 0.2108, 0.1948



15.0533, 0.2982, 0.3239



21.4984, 0.2055, 0.2596



1.6149, 0.2088, 0.2715

Previews

White Background



This preview shows how the Yxy color 30.4726, 0.4719, 0.3607 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 30.4726, 0.4719, 0.3607 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 30.4726, 0.4719, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 30.4726, 0.4719, 0.3607.



This preview shows how white text looks on a background with the Yxy color 30.4726, 0.4719, 0.3607.

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

30.4726, 0.4719, 0.3607

Protanopia

30.5140, 0.3700, 0.3982

Deuteranopia

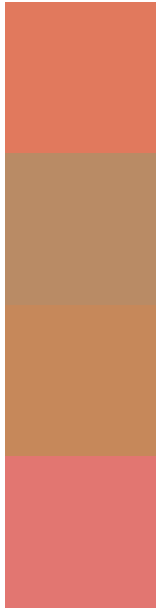
30.7351, 0.4131, 0.4056



Tritanopia

30.5341, 0.4377, 0.3202

Trichromacy



Original Color

30.4726, 0.4719, 0.3607

Protanomaly

29.7191, 0.4066, 0.3825

Deuteranomaly

30.3523, 0.4349, 0.3890

Tritanomaly

30.3179, 0.4513, 0.3351

Monochromacy



Original Color

30.4726, 0.4719, 0.3607

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.3973, 0.3663, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4726, 0.4719, 0.3607 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(225, 121, 93)` looks like.

```
.text, #text, p{  
    color:rgb(225, 121, 93)  
}
```

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(225, 121, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 121, 93) }
```

Border

The CSS property to change the border of an element to Yxy 30.4726, 0.4719, 0.3607 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(225, 121, 93) }
```

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

```
.border{ border-color:rgb(225, 121, 93) }
```

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

Here you see how a box with a 4 pixel rgb(225, 121, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 121, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 121, 93);  
box-shadow:4px 4px 4px 4px rgb(225, 121,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4726, 0.4719, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 121, 93) }
```

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

```
.background{ background-color: rgb(225,  
121, 93) }
```

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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