

Converting Colors

Yxy(33.3258, 0.4947, 0.3869)

Have a look what the booklet for
Yxy(33.3258, 0.4947, 0.3869)
contains.

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Color

Yxy(33.2169, 0.4948, 0.3871)

Conversions

Conversions Part 1

Format	Color
Hex	E98047
RGB	233, 128, 71
RGB Percent	91%, 50%, 28%
CMY	0.0863, 0.4980, 0.7216
CMYK	0.00, 0.45, 0.70, 0.09
HSL	21°, 79%, 60%
HSV	21°, 70%, 91%
XYZ	42.4586, 33.2169, 10.1341
YIQ	152.8970, 80.8770, 4.5330

Conversions

Conversions Part 2

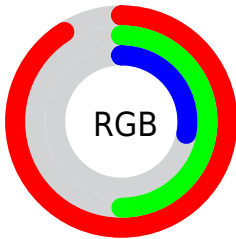
Format	Color
RYB	233, 159, 71
Decimal	15302727
CIELab	64.34, 35.94, 47.87
CIELCh	64, 59.865, 53.102
Yxy	33.2169, 0.4948, 0.3871
Android (android.graphics.Color)	4293492807 (0xFFE98047)
YUV	152.8970, -40.3752, 70.2503
Hunter-Lab	57.6341, 30.6399, 29.9186

Details

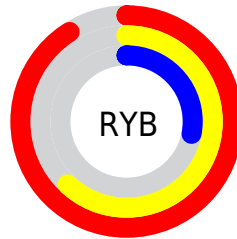
The Yxy color **33.2169, 0.4948, 0.3871** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **38.2630, 0.2134, 0.2487**, and the grayscale version is **31.9621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1210, 0.4281, 0.3908**, and **14.1326, 0.5451, 0.3890** is the 20% darker color. If you saturate the color by 10%, you get **29.3241, 0.5290, 0.3876**, and if you desaturate by 10%, it is **37.8140, 0.4600, 0.3825**.

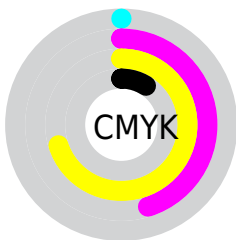
Distribution



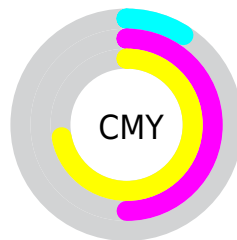
- Red (91%)
- Green (50%)
- Blue (28%)



- Red (91%)
- Yellow (62%)
- Blue (28%)



- Cyan (0%)
- Magenta (45%)
- Yellow (70%)
- Black (9%)





- Cyan (9%)
- Magenta (50%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.2169, 0.4948, 0.3871 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 33.2169, 0.4948, 0.3871 by changing the saturation by 10% instead.


 33.2169, 0.4948,
0.3871


 33.2169, 0.4948,
0.3871


316.6260, 0.4010,
0.3656

 22.2927, 0.5173,
0.3889


 64.7140, 0.4610,
0.3817


 14.0721, 0.5447,
0.3887


 86.0557, 0.4482,
0.3789


 8.1708, 0.5785,
0.3843


 111.6386, 0.4372,
0.3763

 4.2045, 0.6255,
0.3745

 141.8472, 0.4279,
0.3738

 1.7886, 0.6632,
0.3368

 177.0658, 0.4198,
0.3715

 0.4800, 0.7494,
0.2506

217.6789, 0.4127,

 0.0000, 1.0000,

0.3693

0.0000

264.0708, 0.4065,
0.3674

■ 0.0000, 0.0000,
0.0000

■ 33.2169, 0.4948,
0.3871

■ 33.2169, 0.4948,
0.3871

■ 29.3241, 0.5290,
0.3876

■ 37.8140, 0.4600,
0.3825

■ 26.0906, 0.5596,
0.3830

■ 43.1460, 0.4270,
0.3752

■ 23.4678, 0.5843,
0.3738


■ 49.2477, 0.3971,
0.3662

■ 23.3573, 0.5854,
0.3734

■ 56.1502, 0.3707,
0.3565

■ 63.8824, 0.3479,
0.3468

 72.4719, 0.3285,
0.3374

 81.9448, 0.3120,
0.3286

 92.1712, 0.2993,
0.3228

 96.0621, 0.2993,
0.3290

Harmonies

Analogous

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



33.2169, 0.4768, 0.3222



33.2169, 0.4948, 0.3871



33.2169, 0.4567, 0.4518

Triad

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



33.2169, 0.4948, 0.3871



33.2169, 0.2189, 0.4052



33.2169, 0.2256, 0.1950

Complementary

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



33.2169, 0.4948, 0.3871



38.2630, 0.2134, 0.2487

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.



33.2169, 0.1760, 0.1972



33.2169, 0.4948, 0.3871



33.2169, 0.1709, 0.3024

Square

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



33.2169, 0.4948, 0.3871



33.2169, 0.2967, 0.4877



33.2169, 0.1577, 0.2306



33.2169, 0.3062, 0.2185

Rectangle

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



33.2169, 0.4948, 0.3871



33.2169, 0.4104, 0.4867



33.2169, 0.1577, 0.2306



33.2169, 0.2055, 0.1927

Sweetspot

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



33.2187, 0.4948, 0.3871



76.8410, 0.3513, 0.3483



24.9744, 0.3888, 0.2221



15.8710, 0.3574, 0.3510



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.



33.2187, 0.4948, 0.3871



34.3569, 0.5415, 0.3864



63.2268, 0.4231, 0.4655



15.9213, 0.3284, 0.3373



13.4654, 0.5826, 0.3756



1.2325, 0.5560, 0.3967

Inverse Universe

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



38.2630, 0.2134, 0.2487



40.5888, 0.2009, 0.2298



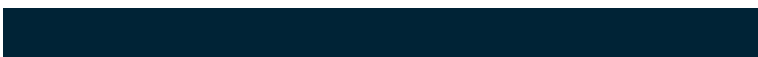
15.4600, 0.1850, 0.1335



16.1779, 0.2981, 0.3205



16.1372, 0.1916, 0.2097



1.4468, 0.1967, 0.2281

Previews

White Background



This preview shows how the Yxy color 33.2169, 0.4948, 0.3871 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 33.2169, 0.4948, 0.3871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

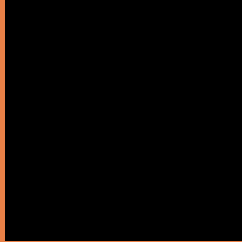
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.2169, 0.4948, 0.3871

Background



This preview shows how black text looks on a background with the Yxy color 33.2169, 0.4948, 0.3871.



This preview shows how white text looks on a background with the Yxy color 33.2169, 0.4948, 0.3871.

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

33.2169, 0.4948, 0.3871

Protanopia

33.5774, 0.4004, 0.4374

Deuteranopia

33.3576, 0.4405, 0.4324



Tritanopia

33.1193, 0.4384, 0.3194

Trichromacy



Original Color

33.2169, 0.4948, 0.3871

Protanomaly

32.6957, 0.4355, 0.4173

Deuteranomaly

32.8770, 0.4610, 0.4144

Tritanomaly

33.1816, 0.4609, 0.3458

Monochromacy



Original Color

33.2169, 0.4948, 0.3871

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.3217, 0.3765, 0.3591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2169, 0.4948, 0.3871 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(233, 128, 71)` looks like.

```
.text, #text, p{  
    color:rgb(233, 128, 71)  
}
```

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(233, 128, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 128, 71) }
```

Border

The CSS property to change the border of an element to Yxy 33.2169, 0.4948, 0.3871 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(233, 128, 71) }
```

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

```
.border{ border-color:rgb(233, 128, 71) }
```

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

Here you see how a box with a 4 pixel rgb(233, 128, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 128, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 128, 71);  
box-shadow:4px 4px 4px 4px rgb(233, 128,  
71) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 33.2169, 0.4948, 0.3871$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 128, 71) }
```

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

```
.background{ background-color: rgb(233,  
128, 71) }
```

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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