

Converting Colors

$Y_{xy}(31.1178, 0.4860, 0.3839)$

Have a look what the booklet for
Yxy(31.1178, 0.4860, 0.3839)
contains.

Yxy(31.0225, 0.4861, 0.3833)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.0225, 0.4861, 0.3833)

Conversions

Conversions Part 1

Format	Color
Hex	E07D4B
RGB	224, 125, 75
RGB Percent	88%, 49%, 29%
CMY	0.1216, 0.5098, 0.7059
CMYK	0.00, 0.44, 0.67, 0.12
HSL	20°, 71%, 59%
HSV	20°, 67%, 88%
XYZ	39.3426, 31.0225, 10.5702
YIQ	148.9010, 75.0540, 5.4380

Conversions

Conversions Part 2

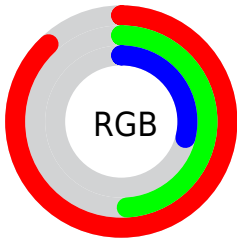
Format	Color
R _Y B	224, 150, 75
Decimal	14712139
CIE Lab	62.53, 34.15, 43.47
CIE LCh	63, 55.284, 51.845
Yxy	31.0225, 0.4861, 0.3833
Android (android.graphics.Color)	4292902219 (0xFFE07D4B)
YUV	148.9010, -36.4332, 65.8618
Hunter-Lab	55.6978, 28.6138, 27.7366

Details

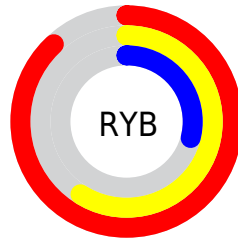
The Yxy color **31.0225, 0.4861, 0.3833** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **37.1417, 0.2177, 0.2568**, and the grayscale version is **30.1447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.9809, 0.4275, 0.3849**, and **12.7632, 0.5366, 0.3858** is the 20% darker color. If you saturate the color by 10%, you get **27.2795, 0.5215, 0.3849**, and if you desaturate by 10%, it is **35.4411, 0.4510, 0.3781**.

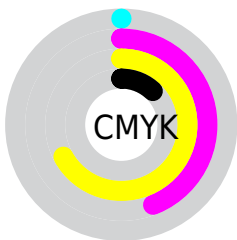
Distribution



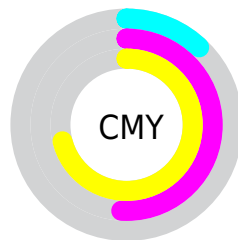
- Red (88%)
- Green (49%)
- Blue (29%)



- Red (88%)
- Yellow (59%)
- Blue (29%)



- Cyan (0%)
- Magenta (44%)
- Yellow (67%)
- Black (12%)





- Cyan (12%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0225, 0.4861, 0.3833 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 31.0225, 0.4861, 0.3833 by changing the saturation by 10% instead.


 31.0225, 0.4861,
0.3833


 31.0225, 0.4861,
0.3833


306.6420, 0.3952,
0.3622

 20.6160, 0.5086,
0.3854


 61.2755, 0.4528,
0.3777

 12.8436, 0.5367,
0.3858


 81.8908, 0.4403,
0.3750


 7.3209, 0.5718,
0.3822

 106.6777, 0.4298,
0.3724

 3.6636, 0.6249,
0.3751

 136.0208, 0.4208,
0.3700

 1.4872, 0.6648,
0.3352

 170.3044, 0.4130,
0.3678

 0.2797, 0.8011,
0.1989

209.9128, 0.4063,

 0.0000, 1.0000,

0.3658

0.0000

255.2305, 0.4004,
0.3639

0.0000, 0.0000,
0.0000

31.0225, 0.4861,
0.3833

31.0225, 0.4861,
0.3833

27.2795, 0.5215,
0.3849

35.4411, 0.4510,
0.3781

24.1704, 0.5542,
0.3817

40.5642, 0.4183,
0.3705


21.6548, 0.5810,
0.3736


46.4244, 0.3891,
0.3617


20.9039, 0.5893,
0.3703

53.0510, 0.3636,
0.3524

60.4713, 0.3418,
0.3432

 68.7114, 0.3232,
0.3344

 77.7961, 0.3075,
0.3262

 87.7491, 0.2942,
0.3187

 94.5863, 0.2940,
0.3289

Harmonies

Analogous

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



31.0225, 0.4659, 0.3210



31.0225, 0.4861, 0.3833



31.0225, 0.4528, 0.4448

Triad

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



31.0225, 0.4861, 0.3833



31.0225, 0.2267, 0.4048



31.0225, 0.2274, 0.2004

Complementary

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



31.0225, 0.4861, 0.3833



37.1417, 0.2177, 0.2568

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.



31.0225, 0.1808, 0.2041



31.0225, 0.4861, 0.3833



31.0225, 0.1789, 0.3082

Square

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



31.0225, 0.4861, 0.3833



31.0225, 0.3019, 0.4797



31.0225, 0.1644, 0.2380



31.0225, 0.3032, 0.2220

Rectangle

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



31.0225, 0.4861, 0.3833



31.0225, 0.4098, 0.4776



31.0225, 0.1644, 0.2380



31.0225, 0.2084, 0.1986

Sweetspot

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



31.0241, 0.4861, 0.3833



77.3954, 0.3493, 0.3465



23.9469, 0.3805, 0.2227



15.9629, 0.3555, 0.3491



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.



31.0241, 0.4861, 0.3833



34.8063, 0.5353, 0.3842



57.2752, 0.4208, 0.4593



14.4486, 0.3284, 0.3369



12.3585, 0.5865, 0.3725



1.0178, 0.5566, 0.3963

Inverse Universe

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



37.1417, 0.2177, 0.2568



43.2627, 0.2045, 0.2386



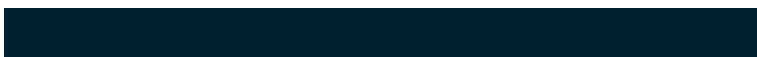
15.9589, 0.1911, 0.1459



14.7567, 0.2982, 0.3209



15.8294, 0.1933, 0.2158



1.2603, 0.1987, 0.2353

Previews

White Background



This preview shows how the Yxy color 31.0225, 0.4861, 0.3833 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 31.0225, 0.4861, 0.3833 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 31.0225, 0.4861, 0.3833

Background



This preview shows how black text looks on a background with the Yxy color 31.0225, 0.4861, 0.3833.



This preview shows how white text looks on a background with the Yxy color 31.0225, 0.4861, 0.3833.

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

31.0225, 0.4861, 0.3833

Protanopia

31.3121, 0.3941, 0.4290

Deuteranopia

30.9662, 0.4339, 0.4251



Tritanopia

31.0569, 0.4340, 0.3201

Trichromacy



Original Color

31.0225, 0.4861, 0.3833

Protanomaly

30.6314, 0.4279, 0.4109

Deuteranomaly

30.6386, 0.4535, 0.4094

Tritanomaly

30.9262, 0.4554, 0.3443

Monochromacy



Original Color

31.0225, 0.4861, 0.3833

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.3914, 0.3726, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0225, 0.4861, 0.3833 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, 125, 75)` looks like.

```
.text, #text, p{  
    color:rgb(224, 125, 75)  
}
```

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, 125, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 125, 75) }
```

Border

The CSS property to change the border of an element to Yxy 31.0225, 0.4861, 0.3833 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, 125, 75) }
```

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

```
.border{ border-color:rgb(224, 125, 75) }
```

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

Here you see how a box with a 4 pixel rgb(224, 125, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 125, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 125, 75);  
box-shadow:4px 4px 4px 4px rgb(224, 125,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0225, 0.4861, 0.3833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 125, 75) }
```

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

```
.background{ background-color: rgb(224,  
125, 75) }
```

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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