

Converting Colors

$Y_{xy}(28.4357, 0.4704, 0.3904)$

Have a look what the booklet for
Yxy(28.4357, 0.4704, 0.3904)
contains.

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Color

Yxy(28.4270, 0.4706, 0.3900)

Conversions

Conversions Part 1

Format	Color
Hex	CF7D4A
RGB	207, 125, 74
RGB Percent	81%, 49%, 29%
CMY	0.1882, 0.5098, 0.7097
CMYK	0.00, 0.40, 0.64, 0.19
HSL	23°, 58%, 55%
HSV	23°, 64%, 81%
XYZ	34.3019, 28.4270, 10.1608
YIQ	143.7040, 65.2430, 1.5230

Conversions

Conversions Part 2

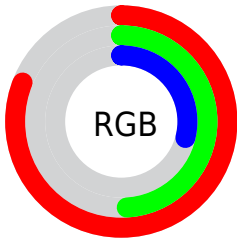
Format	Color
RYB	207, 157, 74
Decimal	13598026
CIELab	60.27, 27.22, 40.79
CIElCh	60, 49.038, 56.280
Yxy	28.4270, 0.4706, 0.3900
Android (android.graphics.Color)	4291788106 (0xFFCF7D4A)
YUV	143.7040, -34.3641, 55.5106
Hunter-Lab	53.3170, 21.5347, 26.0228

Details

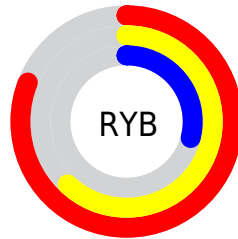
The Yxy color **28.4270, 0.4706, 0.3900** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **29.7424, 0.2181, 0.2497**, and the grayscale version is **27.8873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5560, 0.4289, 0.3849**, and **11.4026, 0.5195, 0.3972** is the 20% darker color. If you saturate the color by 10%, you get **25.1670, 0.5037, 0.3936**, and if you desaturate by 10%, it is **32.1969, 0.4382, 0.3830**.

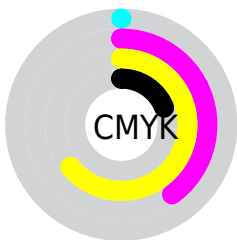
Distribution



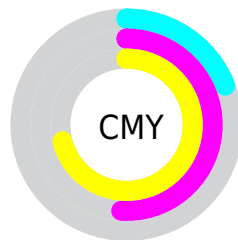
- Red (81%)
- Green (49%)
- Blue (29%)



- Red (81%)
- Yellow (62%)
- Blue (29%)



- Cyan (0%)
- Magenta (40%)
- Yellow (64%)
- Black (19%)





- Cyan (19%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4270, 0.4706, 0.3900 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 28.4270, 0.4706, 0.3900 by changing the saturation by 10% instead.


 28.4270, 0.4706,
0.3900


 28.4270, 0.4706,
0.3900


294.5017, 0.3865,
0.3636


 18.6478, 0.4920,
0.3939

 57.1654, 0.4394,
0.3821

 11.4161, 0.5190,
0.3969


 76.8935, 0.4278,
0.3785


 6.3474, 0.5535,
0.3967


 100.7066, 0.4181,
0.3753

 3.0575, 0.6061,
0.3939

 128.9891, 0.4099,
0.3725

 1.1618, 0.6446,
0.3554

 162.1255, 0.4028,
0.3699

 0.0302, 0.9583,
0.0417

200.5001, 0.3966,

 0.0000, 0.0000,

0.3676

0.0000

244.4974, 0.3913,
0.3655

■ 28.4270, 0.4706,
0.3900

■ 28.4270, 0.4706,
0.3900

■ 25.1670, 0.5037,
0.3936

■ 32.1969, 0.4382,
0.3830

■ 22.3876, 0.5350,
0.3926

■ 36.4955, 0.4081,
0.3738

■ 20.0620, 0.5620,
0.3864

■ 41.3454, 0.3811,
0.3636

■ 18.9101, 0.5756,
0.3812

■ 46.7668, 0.3574,
0.3531

■ 52.7786, 0.3369,
0.3428

■ 59.3988, 0.3194,
0.3330

■ 66.6446, 0.3044,
0.3238

■ 74.5326, 0.2916,
0.3154

■ 82.7312, 0.2834,
0.3131

Harmonies

Analogous

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



28.4270, 0.4588, 0.3313



28.4270, 0.4706, 0.3900



28.4270, 0.4352, 0.4449

Triad

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



28.4270, 0.4706, 0.3900



28.4270, 0.2256, 0.3849



28.4270, 0.2430, 0.2110

Complementary

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



28.4270, 0.4706, 0.3900



29.7424, 0.2181, 0.2497

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.



28.4270, 0.1949, 0.2112



28.4270, 0.4706, 0.3900



28.4270, 0.1850, 0.2994

Square

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



28.4270, 0.4706, 0.3900



28.4270, 0.2928, 0.4583



28.4270, 0.1754, 0.2391



28.4270, 0.3165, 0.2345

Rectangle

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



28.4270, 0.4706, 0.3900



28.4270, 0.3936, 0.4707



28.4270, 0.1754, 0.2391



28.4270, 0.2238, 0.2083

Sweetspot

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



28.4285, 0.4706, 0.3900



79.6619, 0.3468, 0.3479



20.5664, 0.3868, 0.2327



16.4625, 0.3528, 0.3509



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.



28.4285, 0.4706, 0.3900



38.6041, 0.5156, 0.3938



51.2327, 0.4121, 0.4620



12.5407, 0.3281, 0.3380



12.0845, 0.5731, 0.3831



0.8274, 0.5389, 0.4103

Inverse Universe

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



29.7424, 0.2181, 0.2497



40.6672, 0.2036, 0.2293



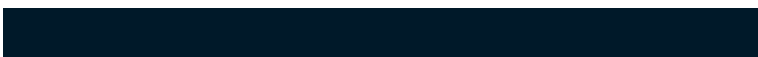
13.1955, 0.1934, 0.1441



12.6139, 0.2983, 0.3199



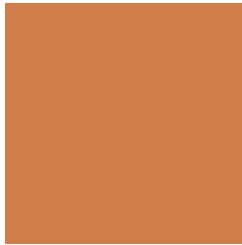
12.6929, 0.1887, 0.1992



0.8607, 0.1960, 0.2256

Previews

White Background



This preview shows how the Yxy color 28.4270, 0.4706, 0.3900 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4270, 0.4706, 0.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

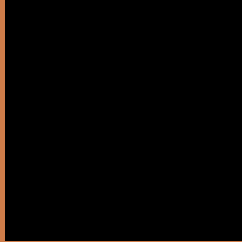
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4270, 0.4706, 0.3900

Background



This preview shows how black text looks on a background with the Yxy color 28.4270, 0.4706, 0.3900.



This preview shows how white text looks on a background with the Yxy color 28.4270, 0.4706, 0.3900.

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

28.4270, 0.4706, 0.3900

Protanopia

28.6254, 0.3931, 0.4284

Deuteranopia

28.6235, 0.4308, 0.4224



Tritanopia

28.4276, 0.4156, 0.3192

Trichromacy



Original Color

28.4270, 0.4706, 0.3900

Protanomaly

28.0741, 0.4218, 0.4141

Deuteranomaly

28.4652, 0.4457, 0.4102

Tritanomaly

28.3128, 0.4375, 0.3456

Monochromacy



Original Color

28.4270, 0.4706, 0.3900

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.4387, 0.3668, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4270, 0.4706, 0.3900 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(207, 125, 74)` looks like.

```
.text, #text, p{  
    color:rgb(207, 125, 74)  
}
```

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(207, 125, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 125, 74) }
```

Border

The CSS property to change the border of an element to Yxy 28.4270, 0.4706, 0.3900 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(207, 125, 74) }
```

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

```
.border{ border-color:rgb(207, 125, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 125, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 125, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 125, 74);  
box-shadow:4px 4px 4px 4px rgb(207, 125,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4270, 0.4706, 0.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 125, 74) }
```

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

```
.background{ background-color: rgb(207,  
125, 74) }
```

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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