

Converting Colors

$Y_{xy}(25.8891, 0.4755, 0.4053)$

Have a look what the booklet for
Yxy(25.8891, 0.4755, 0.4053)
contains.

Yxy(25.8474, 0.4746, 0.4052)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(25.8474, 0.4746, 0.4052)$

Conversions

Conversions Part 1

Format	Color
Hex	C37A3C
RGB	195, 122, 60
RGB Percent	76%, 48%, 24%
CMY	0.2354, 0.5215, 0.7647
CMYK	0.00, 0.37, 0.69, 0.24
HSL	28°, 53%, 50%
HSV	28°, 69%, 76%
XYZ	30.2744, 25.8474, 7.6675
YIQ	136.7590, 63.4100, -3.8060

Conversions

Conversions Part 2

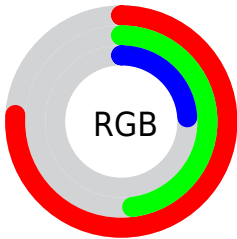
Format	Color
RYB	195, 175, 60
Decimal	12810812
CIELab	57.89, 22.97, 44.81
CIELCh	58, 50.353, 62.862
Yxy	25.8474, 0.4746, 0.4052
Android (android.graphics.Color)	4291000892 (0xFFC37A3C)
YUV	136.7590, -37.8422, 51.0774
Hunter-Lab	50.8403, 17.3225, 26.6464

Details

The Yxy color **25.8474, 0.4746, 0.4052** 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 **21.6573, 0.2082, 0.2245**, and the grayscale version is **25.0490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0457, 0.4422, 0.3950**, and **10.1032, 0.5227, 0.4143** is the 20% darker color. If you saturate the color by 10%, you get **23.2297, 0.5032, 0.4084**, and if you desaturate by 10%, it is **28.8243, 0.4453, 0.3979**.

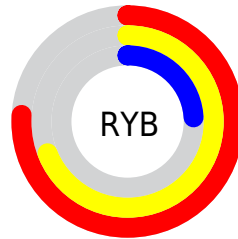
Distribution



Red (76%)

Green (48%)

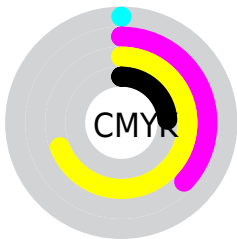
Blue (24%)



Red (76%)

Yellow (69%)

Blue (24%)

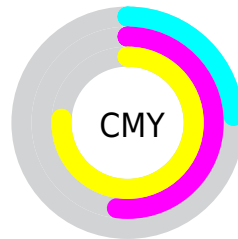


Cyan (0%)

Magenta (37%)

Yellow (69%)

Black (24%)



Cyan (24%)


Magenta (52%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8474, 0.4746, 0.4052 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 25.8474, 0.4746, 0.4052 by changing the saturation by 10% instead.

 25.8474, 0.4746,
0.4052


 25.8474, 0.4746,
0.4052


282.0322, 0.3882,
0.3711


 16.7095, 0.4962,
0.4105


 53.0287, 0.4427,
0.3947


 10.0276, 0.5228,
0.4145


 71.8408, 0.4308,
0.3901


 5.4173, 0.5625,
0.4197


 94.6465, 0.4208,
0.3860

 2.4941, 0.5956,
0.4044

 121.8302, 0.4123,
0.3823

 0.8737, 0.6349,
0.3651

 153.7762, 0.4050,
0.3790

 0.0000, 1.0000,
0.0000

 190.8689, 0.3987,

 0.0000, 0.0000,

0.3761

0.0000

233.4928, 0.3931,
0.3734

■ 25.8474, 0.4746,
0.4052

■ 25.8474, 0.4746,
0.4052

■ 23.2297, 0.5032,
0.4084

■ 28.8243, 0.4453,
0.3979

■ 20.9495, 0.5293,
0.4064

■ 32.1723, 0.4170,
0.3879

■ 18.9833, 0.5514,
0.3996

■ 35.9076, 0.3907,
0.3762

■ 18.8427, 0.5531,
0.3990

■ 40.0440, 0.3669,
0.3638

■ 44.5943, 0.3459,
0.3514

■ 49.5709, 0.3275,
0.3395

■ 54.9854, 0.3116,
0.3282

■ 60.8492, 0.2977,
0.3176

■ 67.1729, 0.2858,
0.3079

Harmonies

Analogous

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



25.8474, 0.4749, 0.3437



25.8474, 0.4746, 0.4052



25.8474, 0.4278, 0.4609

Triad

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



25.8474, 0.4746, 0.4052



25.8474, 0.2085, 0.3674



25.8474, 0.2540, 0.2088

Complementary

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



25.8474, 0.4746, 0.4052



21.6573, 0.2082, 0.2245

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.



25.8474, 0.1975, 0.2029



25.8474, 0.4746, 0.4052



25.8474, 0.1736, 0.2801

Square

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



25.8474, 0.4746, 0.4052



25.8474, 0.2738, 0.4540



25.8474, 0.1707, 0.2248



25.8474, 0.3358, 0.2380

Rectangle

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



25.8474, 0.4746, 0.4052



25.8474, 0.3804, 0.4841



25.8474, 0.1707, 0.2248



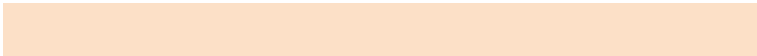
25.8474, 0.2319, 0.2040

Sweetspot

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



25.8487, 0.4746, 0.4052



78.1268, 0.3501, 0.3540



16.5565, 0.4101, 0.2388



16.5992, 0.3559, 0.3575



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.



25.8487, 0.4746, 0.4052



39.4798, 0.5169, 0.4081



47.9835, 0.4106, 0.4766



10.8235, 0.3278, 0.3396



12.4156, 0.5509, 0.4008



0.6741, 0.5142, 0.4299

Inverse Universe

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



21.6573, 0.2082, 0.2245



31.3977, 0.1923, 0.1976



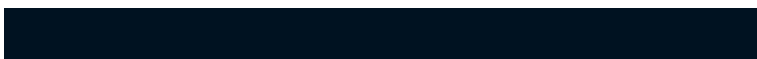
8.8830, 0.1822, 0.1181



10.6295, 0.2984, 0.3182



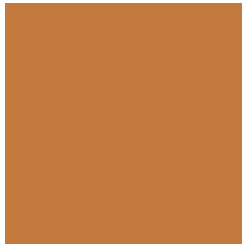
9.3482, 0.1814, 0.1732



0.5405, 0.1920, 0.2111

Previews

White Background



This preview shows how the Yxy color 25.8474, 0.4746, 0.4052 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 25.8474, 0.4746, 0.4052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

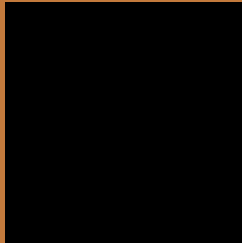
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8474, 0.4746, 0.4052

Background



This preview shows how black text looks on a background with the Yxy color 25.8474, 0.4746, 0.4052.



This preview shows how white text looks on a background with the Yxy color 25.8474, 0.4746, 0.4052.

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

25.8474, 0.4746, 0.4052

Protanopia

26.1064, 0.4060, 0.4444

Deuteranopia

25.9547, 0.4408, 0.4340



Tritanopia

25.8336, 0.4103, 0.3187

Trichromacy



Original Color

25.8474, 0.4746, 0.4052

Protanomaly

25.6800, 0.4322, 0.4292

Deuteranomaly

25.8298, 0.4534, 0.4232

Tritanomaly

25.8827, 0.4374, 0.3530

Monochromacy



Original Color

25.8474, 0.4746, 0.4052

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.8758, 0.3697, 0.3662

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8474, 0.4746, 0.4052 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(195, 122, 60)` looks like.

```
.text, #text, p{  
    color:rgb(195, 122, 60)  
}
```

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(195, 122, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 122, 60) }
```

Border

The CSS property to change the border of an element to Yxy 25.8474, 0.4746, 0.4052 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(195, 122, 60) }
```

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

```
.border{ border-color:rgb(195, 122, 60) }
```

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

Here you see how a box with a 4 pixel rgb(195, 122, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 122, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 122, 60);  
box-shadow:4px 4px 4px 4px rgb(195, 122,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8474, 0.4746, 0.4052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 122, 60) }
```

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

```
.background{ background-color: rgb(195,  
122, 60) }
```

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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