

Converting Colors

$Y_{xy}(25.2098, 0.4812, 0.3845)$

Have a look what the booklet for
Yxy(25.2098, 0.4812, 0.3845)
contains.

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Color

Yxy(25.2477, 0.4808, 0.3846)

Conversions

Conversions Part 1

Format	Color
Hex	CA7345
RGB	202, 115, 69
RGB Percent	79%, 45%, 27%
CMY	0.2078, 0.5490, 0.7295
CMYK	0.00, 0.43, 0.66, 0.21
HSL	21°, 56%, 53%
HSV	21°, 66%, 79%
XYZ	31.5629, 25.2477, 8.8360
YIQ	135.7690, 66.6180, 4.1380

Conversions

Conversions Part 2

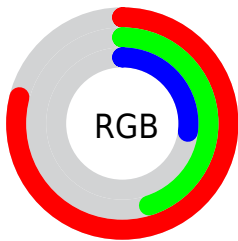
Format	Color
R_{YB}	202, 139, 69
Decimal	13267781
CIE _{Lab}	57.32, 30.23, 39.82
CIE _{LCh}	57, 49.992, 52.796
Yxy	25.2477, 0.4808, 0.3846
Android (android.graphics.Color)	4291457861 (0xFFCA7345)
YUV	135.7690, -32.9171, 58.0846
Hunter-Lab	50.2471, 24.1931, 24.7467

Details

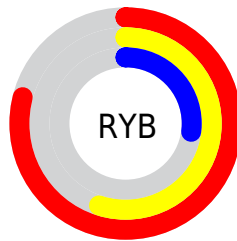
The Yxy color **25.2477, 0.4808, 0.3846** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **29.2996, 0.2183, 0.2559**, and the grayscale version is **24.6364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.5972, 0.4394, 0.3796**, and **9.6782, 0.5353, 0.3877** is the 20% darker color. If you saturate the color by 10%, you get **22.2391, 0.5156, 0.3868**, and if you desaturate by 10%, it is **28.7761, 0.4466, 0.3789**.

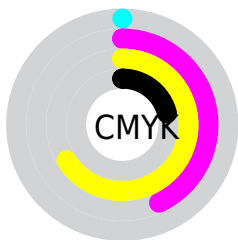
Distribution



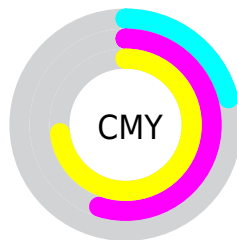
- Red (79%)
- Green (45%)
- Blue (27%)



- Red (79%)
- Yellow (55%)
- Blue (27%)



- Cyan (0%)
- Magenta (43%)
- Yellow (66%)
- Black (21%)





- Cyan (21%)
- Magenta (55%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2477, 0.4808, 0.3846 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 25.2477, 0.4808, 0.3846 by changing the saturation by 10% instead.


 25.2477, 0.4808,
0.3846


 25.2477, 0.4808,
0.3846


279.0693, 0.3896,
0.3614


 16.2617, 0.5045,
0.3873


 52.0588, 0.4466,
0.3780


 9.7095, 0.5347,
0.3883


 70.6526, 0.4340,
0.3749

 5.2068, 0.5759,
0.3863

 93.2179, 0.4234,
0.3721

 2.3691, 0.6277,
0.3723

 120.1390, 0.4146,
0.3695

 0.8099, 0.6771,
0.3229

 151.8003, 0.4070,
0.3671

 0.0000, 1.0000,
0.0000

188.5862, 0.4004,

 0.0000, 0.0000,

0.3650

0.0000

230.8810, 0.3947,
0.3631

■ 25.2477, 0.4808,
0.3846

■ 25.2477, 0.4808,
0.3846

■ 22.2391, 0.5156,
0.3868

■ 28.7761, 0.4466,
0.3789

■ 19.7191, 0.5481,
0.3845

■ 32.8455, 0.4148,
0.3709

■ 17.6581, 0.5754,
0.3770

■ 37.4802, 0.3863,
0.3618

■ 16.9241, 0.5855,
0.3733

■ 42.7021, 0.3615,
0.3523

■ 48.5316, 0.3402,
0.3429

■ 54.9882, 0.3220,
0.3340

■ 62.0904, 0.3066,
0.3256

■ 69.8560, 0.2935,
0.3179

■ 78.3019, 0.2824,
0.3109

Harmonies

Analogous

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



25.2477, 0.4626, 0.3235



25.2477, 0.4808, 0.3846



25.2477, 0.4476, 0.4440

Triad

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



25.2477, 0.4808, 0.3846



25.2477, 0.2274, 0.3993



25.2477, 0.2317, 0.2040

Complementary

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



25.2477, 0.4808, 0.3846



29.2996, 0.2183, 0.2559

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.



25.2477, 0.1851, 0.2069



25.2477, 0.4808, 0.3846



25.2477, 0.1816, 0.3065

Square

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



25.2477, 0.4808, 0.3846



25.2477, 0.3001, 0.4730



25.2477, 0.1682, 0.2393



25.2477, 0.3064, 0.2258

Rectangle

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



25.2477, 0.4808, 0.3846



25.2477, 0.4054, 0.4747



25.2477, 0.1682, 0.2393



25.2477, 0.2129, 0.2020

Sweetspot

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



25.2490, 0.4808, 0.3846



77.6738, 0.3492, 0.3470



19.2680, 0.3790, 0.2238



16.0289, 0.3554, 0.3497



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.



25.2490, 0.4808, 0.3846



35.7496, 0.5298, 0.3864



45.5629, 0.4193, 0.4579



11.8378, 0.3282, 0.3371



11.0406, 0.5830, 0.3753



0.7107, 0.5451, 0.4054

Inverse Universe

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



29.2996, 0.2183, 0.2559



42.8164, 0.2045, 0.2369



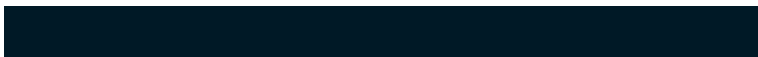
13.0366, 0.1930, 0.1491



12.0481, 0.2983, 0.3208



13.5545, 0.1924, 0.2126



0.8375, 0.1995, 0.2380

Previews

White Background



This preview shows how the Yxy color 25.2477, 0.4808, 0.3846 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 25.2477, 0.4808, 0.3846 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 25.2477, 0.4808, 0.3846

Background



This preview shows how black text looks on a background with the Yxy color 25.2477, 0.4808, 0.3846.



This preview shows how white text looks on a background with the Yxy color 25.2477, 0.4808, 0.3846.

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

25.2477, 0.4808, 0.3846

Protanopia

25.3882, 0.3932, 0.4270

Deuteranopia

25.1603, 0.4324, 0.4242



Tritanopia

25.2008, 0.4287, 0.3191

Trichromacy



Original Color

25.2477, 0.4808, 0.3846

Protanomaly

25.0057, 0.4246, 0.4116

Deuteranomaly

25.0057, 0.4516, 0.4090

Tritanomaly

25.1263, 0.4494, 0.3433

Monochromacy



Original Color

25.2477, 0.4808, 0.3846

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.0818, 0.3704, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2477, 0.4808, 0.3846 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(202, 115, 69)` looks like.

```
.text, #text, p{  
    color:rgb(202, 115, 69)  
}
```

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(202, 115, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 115, 69) }
```

Border

The CSS property to change the border of an element to Yxy 25.2477, 0.4808, 0.3846 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(202, 115, 69) }
```

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

```
.border{ border-color:rgb(202, 115, 69) }
```

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

Here you see how a box with a 4 pixel rgb(202, 115, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 115, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 115, 69);  
box-shadow:4px 4px 4px 4px rgb(202, 115,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2477, 0.4808, 0.3846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 115, 69) }
```

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

```
.background{ background-color: rgb(202,  
115, 69) }
```

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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