

Converting Colors

$Y_{xy}(25.6901, 0.4680, 0.3778)$

Have a look what the booklet for
Yxy(25.6901, 0.4680, 0.3778)
contains.

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Color

Yxy(25.6901, 0.4680, 0.3778)

Conversions

Conversions Part 1

Format	Color
Hex	C9754E
RGB	201, 117, 78
RGB Percent	79%, 46%, 31%
CMY	0.2118, 0.5412, 0.6942
CMYK	0.00, 0.42, 0.61, 0.21
HSL	19°, 53%, 55%
HSV	19°, 61%, 79%
XYZ	31.8236, 25.6901, 10.4855
YIQ	137.6700, 62.5830, 5.6790

Conversions

Conversions Part 2

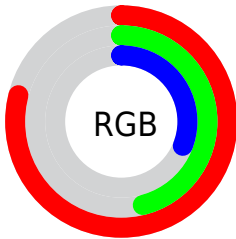
Format	Color
R_{YB}	201, 135, 78
Decimal	13202766
CIE _{Lab}	57.74, 29.34, 35.47
CIE _{LCh}	58, 46.033, 50.399
Yxy	25.6901, 0.4680, 0.3778
Android (android.graphics.Color)	4291392846 (0xFFC9754E)
YUV	137.6700, -29.4173, 55.5404
Hunter-Lab	50.6854, 23.3746, 23.2142

Details

The Yxy color **25.6901, 0.4680, 0.3778** 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 **31.6688, 0.2250, 0.2678**, and the grayscale version is **25.3799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5680, 0.4302, 0.3728**, and **9.8694, 0.5191, 0.3817** is the 20% darker color. If you saturate the color by 10%, you get **22.4786, 0.5041, 0.3812**, and if you desaturate by 10%, it is **29.4612, 0.4336, 0.3716**.

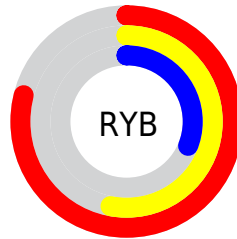
Distribution



Red (79%)

Green (46%)

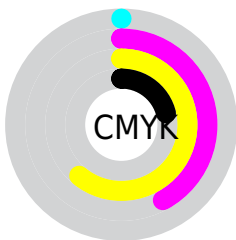
Blue (31%)



Red (79%)

Yellow (53%)

Blue (31%)

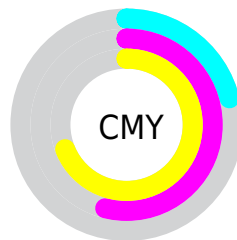


Cyan (0%)

Magenta (42%)

Yellow (61%)

Black (21%)



Cyan (21%)


Magenta (54%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6901, 0.4680, 0.3778 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 25.6901, 0.4680, 0.3778 by changing the saturation by 10% instead.


 25.6901, 0.4680,
0.3778

 25.6901, 0.4680,
0.3778


281.2575, 0.3833,
0.3569

 16.5919, 0.4906,
0.3807


 52.7746, 0.4359,
0.3716

 9.9440, 0.5198,
0.3824


 71.5297, 0.4242,
0.3688

 5.3618, 0.5582,
0.3805

 94.2726, 0.4145,
0.3663

 2.4611, 0.6226,
0.3774

 121.3876, 0.4063,
0.3640

 0.8571, 0.6695,
0.3305

 153.2593, 0.3993,
0.3619

 0.0000, 1.0000,
0.0000

190.2718, 0.3932,

 0.0000, 0.0000,

0.3601

0.0000

232.8098, 0.3880,
0.3584

■ 25.6901, 0.4680,
0.3778

■ 25.6901, 0.4680,
0.3778

■ 22.4786, 0.5041,
0.3812

■ 29.4612, 0.4336,
0.3716

■ 19.7942, 0.5394,
0.3806

■ 33.8143, 0.4024,
0.3637

■ 17.6063, 0.5705,
0.3752

■ 38.7753, 0.3750,
0.3551

■ 16.0576, 0.5929,
0.3675

■ 44.3673, 0.3515,
0.3463

■ 50.6119, 0.3315,
0.3379

■ 57.5300, 0.3146,
0.3299

■ 65.1412, 0.3003,
0.3225

■ 73.4647, 0.2882,
0.3158

■ 82.2657, 0.2800,
0.3136

Harmonies

Analogous

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



25.6901, 0.4465, 0.3206



25.6901, 0.4680, 0.3778



25.6901, 0.4419, 0.4328

Triad

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



25.6901, 0.4680, 0.3778



25.6901, 0.2393, 0.3997



25.6901, 0.2335, 0.2120

Complementary

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



25.6901, 0.4680, 0.3778



31.6688, 0.2250, 0.2678

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.



25.6901, 0.1918, 0.2172



25.6901, 0.4680, 0.3778



25.6901, 0.1936, 0.3156

Square

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



25.6901, 0.4680, 0.3778



25.6901, 0.3083, 0.4625



25.6901, 0.1782, 0.2507



25.6901, 0.3011, 0.2307

Rectangle

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



25.6901, 0.4680, 0.3778



25.6901, 0.4048, 0.4611



25.6901, 0.1782, 0.2507



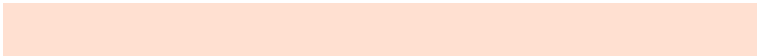
25.6901, 0.2165, 0.2109

Sweetspot

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



25.6914, 0.4680, 0.3778



78.9973, 0.3452, 0.3438



20.4742, 0.3695, 0.2270



16.2587, 0.3515, 0.3463



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.



25.6914, 0.4680, 0.3778



37.1001, 0.5143, 0.3815



44.9868, 0.4141, 0.4491



11.1769, 0.3282, 0.3364



10.2431, 0.5903, 0.3695



0.6166, 0.5487, 0.4025

Inverse Universe

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



31.6688, 0.2250, 0.2678



47.9371, 0.2118, 0.2524



15.0535, 0.2020, 0.1663



11.4781, 0.2984, 0.3215



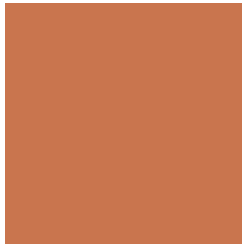
14.1145, 0.1953, 0.2230



0.7944, 0.2022, 0.2477

Previews

White Background



This preview shows how the Yxy color 25.6901, 0.4680, 0.3778 looks on a white background.

Color Contrast Check

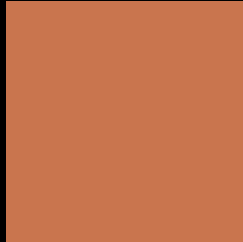
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6901, 0.4680, 0.3778 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 25.6901, 0.4680, 0.3778

Background



This preview shows how black text looks on a background with the Yxy color 25.6901, 0.4680, 0.3778.



This preview shows how white text looks on a background with the Yxy color 25.6901, 0.4680, 0.3778.

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

25.6901, 0.4680, 0.3778

Protanopia

25.8125, 0.3836, 0.4150

Deuteranopia

25.8291, 0.4209, 0.4144



Tritanopia

25.7818, 0.4218, 0.3190

Trichromacy



Original Color

25.6901, 0.4680, 0.3778

Protanomaly

25.4032, 0.4144, 0.4009

Deuteranomaly

25.5243, 0.4383, 0.4003

Tritanomaly

25.7511, 0.4395, 0.3409

Monochromacy



Original Color

25.6901, 0.4680, 0.3778

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.8033, 0.3660, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6901, 0.4680, 0.3778 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(201, 117, 78)` looks like.

```
.text, #text, p{  
    color:rgb(201, 117, 78)  
}
```

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(201, 117, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 117, 78) }
```

Border

The CSS property to change the border of an element to Yxy 25.6901, 0.4680, 0.3778 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(201, 117, 78) }
```

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

```
.border{ border-color:rgb(201, 117, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 117, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 117, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 117, 78);  
box-shadow:4px 4px 4px 4px rgb(201, 117,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6901, 0.4680, 0.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 117, 78) }
```

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

```
.background{ background-color: rgb(201,  
117, 78) }
```

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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