

Converting Colors

$Y_{xy}(24.7962, 0.5011, 0.3881)$

Have a look what the booklet for
Yxy(24.7962, 0.5011, 0.3881)
contains.

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Color

Yxy(24.9398, 0.5009, 0.3882)

Conversions

Conversions Part 1

Format	Color
Hex	CF6F3A
RGB	207, 111, 58
RGB Percent	81%, 44%, 23%
CMY	0.1883, 0.5647, 0.7724
CMYK	0.00, 0.46, 0.72, 0.19
HSL	21°, 61%, 52%
HSV	21°, 72%, 81%
XYZ	32.1802, 24.9398, 7.1247
YIQ	133.6620, 74.2290, 3.8690

Conversions

Conversions Part 2

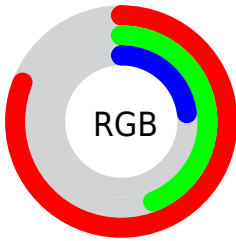
Format	Color
R_{YB}	207, 140, 58
Decimal	13594426
CIE Lab	57.02, 33.76, 45.30
CIE LCh	57, 56.494, 53.303
Yxy	24.9398, 0.5009, 0.3882
Android (android.graphics.Color)	4291784506 (0xFFCF6F3A)
YUV	133.6620, -37.3014, 64.3174
Hunter-Lab	49.9398, 27.6272, 26.4991

Details

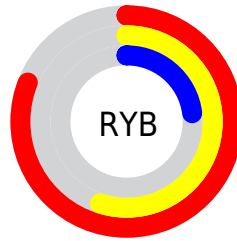
The Yxy color **24.9398, 0.5009, 0.3882** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **28.5230, 0.2112, 0.2452**, and the grayscale version is **23.8307, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8936, 0.4515, 0.3858**, and **9.5559, 0.5581, 0.3882** is the 20% darker color. If you saturate the color by 10%, you get **22.0741, 0.5342, 0.3878**, and if you desaturate by 10%, it is **28.3275, 0.4665, 0.3843**.

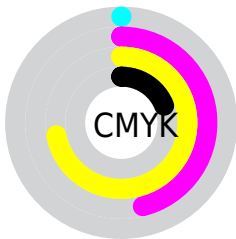
Distribution



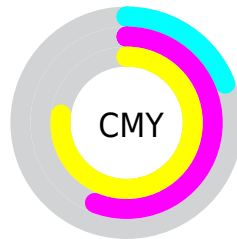
- Red (81%)
- Green (44%)
- Blue (23%)



- Red (81%)
- Yellow (55%)
- Blue (23%)



- Cyan (0%)
- Magenta (46%)
- Yellow (72%)
- Black (19%)





- Cyan (19%)
- Magenta (56%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9398, 0.5009, 0.3882 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 24.9398, 0.5009, 0.3882 by changing the saturation by 10% instead.


 24.9398, 0.5009,
0.3882


 24.9398, 0.5009,
0.3882


277.5380, 0.3998,
0.3654

 16.0322, 0.5263,
0.3896


 51.5595, 0.4635,
0.3826


 9.5469, 0.5577,
0.3881


 70.0405, 0.4495,
0.3796


 5.0996, 0.6067,
0.3865

 92.4813, 0.4378,
0.3767

 2.3058, 0.6429,
0.3571

 119.2665, 0.4278,
0.3741

 0.7768, 0.6971,
0.3029

 150.7803, 0.4193,
0.3716

 0.0000, 1.0000,
0.0000

 187.4073, 0.4119,

 0.0000, 0.0000,

0.3693

0.0000

229.5317, 0.4055,
0.3673

■ 24.9398, 0.5009,
0.3882

■ 24.9398, 0.5009,
0.3882

■ 22.0741, 0.5342,
0.3878

■ 28.3275, 0.4665,
0.3843

■ 19.6963, 0.5635,
0.3824

■ 32.2603, 0.4333,
0.3773

■ 18.1109, 0.5832,
0.3751

■ 36.7644, 0.4030,
0.3686

■ 41.8629, 0.3761,
0.3589

■ 47.5777, 0.3528,
0.3492

■ 53.9293, 0.3328,
0.3397

■ 60.9374, 0.3158,
0.3307

■ 68.6206, 0.3013,
0.3224

■ 76.9970, 0.2889,
0.3147

Harmonies

Analogous

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



24.9398, 0.4834, 0.3217



24.9398, 0.5009, 0.3882



24.9398, 0.4604, 0.4552

Triad

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



24.9398, 0.5009, 0.3882



24.9398, 0.2149, 0.4075



24.9398, 0.2231, 0.1911

Complementary

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



24.9398, 0.5009, 0.3882



28.5230, 0.2112, 0.2452

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.



24.9398, 0.1721, 0.1930



24.9398, 0.5009, 0.3882



24.9398, 0.1662, 0.3002

Square

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



24.9398, 0.5009, 0.3882



24.9398, 0.2948, 0.4943



24.9398, 0.1532, 0.2266



24.9398, 0.3064, 0.2154

Rectangle

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



24.9398, 0.5009, 0.3882



24.9398, 0.4121, 0.4921



24.9398, 0.1532, 0.2266



24.9398, 0.2024, 0.1886

Sweetspot

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



24.9411, 0.5009, 0.3882



75.9641, 0.3534, 0.3495



18.6559, 0.3918, 0.2205



15.7017, 0.3595, 0.3521



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.



24.9411, 0.5009, 0.3882



33.3502, 0.5498, 0.3857



48.1228, 0.4254, 0.4677



12.4864, 0.3282, 0.3373



11.5741, 0.5807, 0.3771



0.7953, 0.5454, 0.4052

Inverse Universe

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



28.5230, 0.2112, 0.2452



39.0381, 0.1984, 0.2245



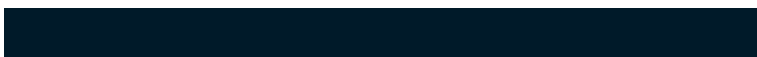
11.1978, 0.1819, 0.1280



12.6701, 0.2983, 0.3205



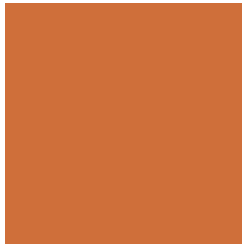
13.6581, 0.1914, 0.2091



0.9104, 0.1982, 0.2336

Previews

White Background



This preview shows how the Yxy color 24.9398, 0.5009, 0.3882 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 24.9398, 0.5009, 0.3882 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 24.9398, 0.5009, 0.3882

Background



This preview shows how black text looks on a background with the Yxy color 24.9398, 0.5009, 0.3882.



This preview shows how white text looks on a background with the Yxy color 24.9398, 0.5009, 0.3882.

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

24.9398, 0.5009, 0.3882

Protanopia

25.2457, 0.4033, 0.4423

Deuteranopia

25.1476, 0.4438, 0.4368



Tritanopia

24.9746, 0.4438, 0.3208

Trichromacy



Original Color

24.9398, 0.5009, 0.3882

Protanomaly

24.5679, 0.4397, 0.4215

Deuteranomaly

24.8815, 0.4649, 0.4181

Tritanomaly

24.8434, 0.4684, 0.3475

Monochromacy



Original Color

24.9398, 0.5009, 0.3882

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.5394, 0.3799, 0.3612

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9398, 0.5009, 0.3882 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, 111, 58)` looks like.

```
.text, #text, p{  
    color:rgb(207, 111, 58)  
}
```

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, 111, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 111, 58) }
```

Border

The CSS property to change the border of an element to Yxy 24.9398, 0.5009, 0.3882 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, 111, 58) }
```

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

```
.border{ border-color:rgb(207, 111, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 111, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 111, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 111, 58);  
box-shadow:4px 4px 4px 4px rgb(207, 111,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9398, 0.5009, 0.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 111, 58) }
```

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

```
.background{ background-color: rgb(207,  
111, 58) }
```

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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