

Converting Colors

$Y_{xy}(25.8653, 0.4876, 0.3843)$

Have a look what the booklet for
Yxy(25.8653, 0.4876, 0.3843)
contains.

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Color

Yxy(25.9321, 0.4878, 0.3848)

Conversions

Conversions Part 1

Format	Color
Hex	CF7343
RGB	207, 115, 67
RGB Percent	81%, 45%, 26%
CMY	0.1883, 0.5490, 0.7372
CMYK	0.00, 0.44, 0.68, 0.19
HSL	21°, 59%, 54%
HSV	21°, 68%, 81%
XYZ	32.8734, 25.9321, 8.5856
YIQ	137.0360, 70.2400, 4.5760

Conversions

Conversions Part 2

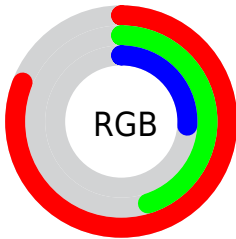
Format	Color
R _Y B	207, 140, 67
Decimal	13595459
CIE Lab	57.97, 32.12, 41.78
CIE LCh	58, 52.699, 52.441
Yxy	25.9321, 0.4878, 0.3848
Android (android.graphics.Color)	4291785539 (0xFFCF7343)
YUV	137.0360, -34.5277, 61.3584
Hunter-Lab	50.9236, 26.1133, 25.6503

Details

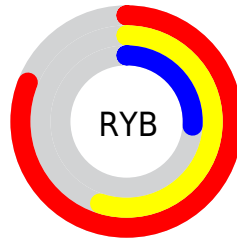
The Yxy color **25.9321, 0.4878, 0.3848** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **30.4907, 0.2164, 0.2541**, and the grayscale version is **25.1456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.5496, 0.4411, 0.3815**, and **10.0307, 0.5425, 0.3875** is the 20% darker color. If you saturate the color by 10%, you get **22.8509, 0.5226, 0.3862**, and if you desaturate by 10%, it is **29.5625, 0.4531, 0.3797**.

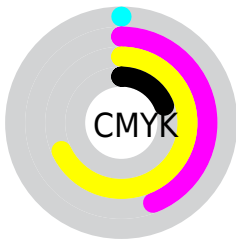
Distribution



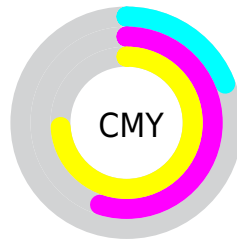
- Red (81%)
- Green (45%)
- Blue (26%)



- Red (81%)
- Yellow (55%)
- Blue (26%)



- Cyan (0%)
- Magenta (44%)
- Yellow (68%)
- Black (19%)





- Cyan (19%)
- Magenta (55%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9321, 0.4878, 0.3848 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 25.9321, 0.4878, 0.3848 by changing the saturation by 10% instead.

 25.9321, 0.4878,
0.3848


 25.9321, 0.4878,
0.3848

282.4486, 0.3935,
0.3623

 16.7729, 0.5120,
0.3870


 53.1654, 0.4526,
0.3788

 10.0727, 0.5424,
0.3871


 72.0082, 0.4396,
0.3758

 5.4472, 0.5840,
0.3842


 94.8477, 0.4287,
0.3730

 2.5119, 0.6328,
0.3672

 122.0682, 0.4195,
0.3704

 0.8826, 0.6816,
0.3184

 154.0542, 0.4116,
0.3681

 0.0000, 1.0000,
0.0000

191.1900, 0.4047,

 0.0000, 0.0000,

0.3660

0.0000

233.8600, 0.3988,
0.3641

■ 25.9321, 0.4878,
0.3848

■ 25.9321, 0.4878,
0.3848

■ 22.8509, 0.5226,
0.3862

■ 29.5625, 0.4531,
0.3797

■ 20.2849, 0.5545,
0.3828

■ 33.7651, 0.4206,
0.3721

■ 18.2000, 0.5808,
0.3746

■ 38.5667, 0.3914,
0.3632

■ 17.7668, 0.5866,
0.3725

■ 43.9907, 0.3658,
0.3538

■ 50.0594, 0.3438,
0.3444

■ 56.7937, 0.3251,
0.3355

■ 64.2138, 0.3092,
0.3271

■ 72.3388, 0.2957,
0.3193

■ 81.1872, 0.2842,
0.3122

Harmonies

Analogous

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



25.9321, 0.4687, 0.3219



25.9321, 0.4878, 0.3848



25.9321, 0.4530, 0.4468

Triad

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



25.9321, 0.4878, 0.3848



25.9321, 0.2244, 0.4038



25.9321, 0.2277, 0.1994

Complementary

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



25.9321, 0.4878, 0.3848



30.4907, 0.2164, 0.2541

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.



25.9321, 0.1801, 0.2024



25.9321, 0.4878, 0.3848



25.9321, 0.1769, 0.3060

Square

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



25.9321, 0.4878, 0.3848



25.9321, 0.2999, 0.4809



25.9321, 0.1631, 0.2359



25.9321, 0.3048, 0.2217

Rectangle

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



25.9321, 0.4878, 0.3848



25.9321, 0.4092, 0.4799



25.9321, 0.1631, 0.2359



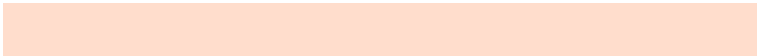
25.9321, 0.2084, 0.1974

Sweetspot

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



25.9335, 0.4878, 0.3848



77.5908, 0.3492, 0.3469



19.8293, 0.3816, 0.2219



16.0093, 0.3554, 0.3495



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.



25.9335, 0.4878, 0.3848



34.7371, 0.5370, 0.3853



47.8074, 0.4219, 0.4604



12.4616, 0.3282, 0.3370



11.3549, 0.5841, 0.3745



0.7811, 0.5484, 0.4028

Inverse Universe

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



30.4907, 0.2164, 0.2541



42.2118, 0.2031, 0.2351



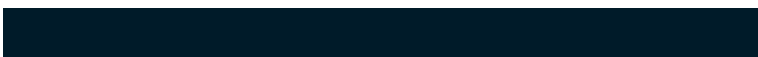
13.0691, 0.1898, 0.1437



12.6959, 0.2983, 0.3208



14.1175, 0.1927, 0.2136



0.9338, 0.1992, 0.2372

Previews

White Background



This preview shows how the Yxy color 25.9321, 0.4878, 0.3848 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 25.9321, 0.4878, 0.3848 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 25.9321, 0.4878, 0.3848

Background



This preview shows how black text looks on a background with the Yxy color 25.9321, 0.4878, 0.3848.



This preview shows how white text looks on a background with the Yxy color 25.9321, 0.4878, 0.3848.

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

25.9321, 0.4878, 0.3848

Protanopia

26.1342, 0.3960, 0.4316

Deuteranopia

26.0182, 0.4357, 0.4275



Tritanopia

25.9233, 0.4344, 0.3194

Trichromacy



Original Color

25.9321, 0.4878, 0.3848

Protanomaly

25.5847, 0.4293, 0.4142

Deuteranomaly

25.6062, 0.4558, 0.4110

Tritanomaly

25.8250, 0.4562, 0.3441

Monochromacy



Original Color

25.9321, 0.4878, 0.3848

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.5517, 0.3724, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9321, 0.4878, 0.3848 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, 115, 67)` looks like.

```
.text, #text, p{  
    color:rgb(207, 115, 67)  
}
```

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, 115, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 115, 67) }
```

Border

The CSS property to change the border of an element to Yxy 25.9321, 0.4878, 0.3848 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, 115, 67) }
```

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

```
.border{ border-color:rgb(207, 115, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 115, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 115, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 115, 67);  
box-shadow:4px 4px 4px 4px rgb(207, 115,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9321, 0.4878, 0.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 115, 67) }
```

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

```
.background{ background-color: rgb(207,  
115, 67) }
```

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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