

Converting Colors

$Yxy(26.0541, 0.5067, 0.3880)$

Have a look what the booklet for
Yxy(26.0541, 0.5067, 0.3880)
contains.

Yxy(26.0299, 0.5062, 0.3879)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.0299, 0.5062, 0.3879)

Conversions

Conversions Part 1

Format	Color
Hex	D57039
RGB	213, 112, 57
RGB Percent	84%, 44%, 22%
CMY	0.1648, 0.5607, 0.7764
CMYK	0.00, 0.47, 0.73, 0.16
HSL	21°, 65%, 53%
HSV	21°, 73%, 84%
XYZ	33.9684, 26.0299, 7.1064
YIQ	135.9290, 77.8510, 4.3070

Conversions

Conversions Part 2

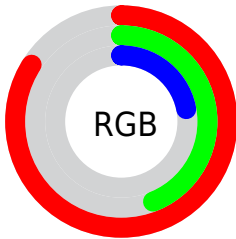
Format	Color
R_{YB}	213, 142, 57
Decimal	13987897
CIE _{Lab}	58.07, 35.58, 47.17
CIE _{LCh}	58, 59.087, 52.977
Yxy	26.0299, 0.5062, 0.3879
Android (android.graphics.Color)	4292177977 (0xFFD57039)
YUV	135.9290, -38.9120, 67.5913
Hunter-Lab	51.0195, 29.5597, 27.4553

Details

The Yxy color **26.0299, 0.5062, 0.3879** 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 **30.1155, 0.2100, 0.2440**, and the grayscale version is **24.7216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2318, 0.4517, 0.3877**, and **10.1316, 0.5620, 0.3874** is the 20% darker color. If you saturate the color by 10%, you get **23.0478, 0.5393, 0.3868**, and if you desaturate by 10%, it is **29.5697, 0.4715, 0.3846**.

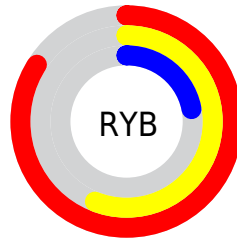
Distribution



Red (84%)

Green (44%)

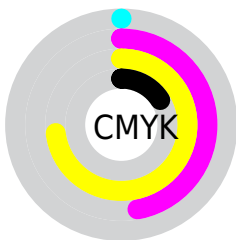
Blue (22%)



Red (84%)

Yellow (56%)

Blue (22%)

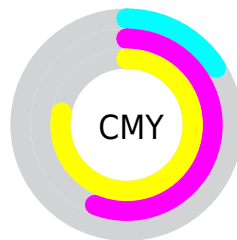


Cyan (0%)

Magenta (47%)

Yellow (73%)

Black (16%)



Cyan (16%)


Magenta (56%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0299, 0.5062, 0.3879 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 26.0299, 0.5062, 0.3879 by changing the saturation by 10% instead.


 26.0299, 0.5062,
0.3879


 26.0299, 0.5062,
0.3879


282.9288, 0.4032,
0.3661


 16.8460, 0.5316,
0.3888


 53.3232, 0.4684,
0.3829

 10.1248, 0.5627,
0.3866


 72.2014, 0.4542,
0.3801


 5.4818, 0.6104,
0.3837


 95.0798, 0.4423,
0.3773

 2.5326, 0.6457,
0.3543

 122.3428, 0.4321,
0.3747

 0.8929, 0.6972,
0.3028

 154.3748, 0.4233,
0.3723

 0.0000, 1.0000,
0.0000

 191.5602, 0.4157,

 0.0000, 0.0000,

0.3701

0.0000

234.2834, 0.4091,
0.3680

■ 26.0299, 0.5062,
0.3879

■ 26.0299, 0.5062,
0.3879

■ 23.0478, 0.5393,
0.3868

■ 29.5697, 0.4715,
0.3846

■ 20.5862, 0.5679,
0.3806

■ 33.6927, 0.4379,
0.3780

■ 19.1906, 0.5843,
0.3743

■ 38.4276, 0.4070,
0.3695

■ 43.7997, 0.3795,
0.3600

■ 49.8327, 0.3557,
0.3503

■ 56.5492, 0.3352,
0.3408

■ 63.9705, 0.3178,
0.3318

■ 72.1169, 0.3030,
0.3234

■ 81.0080, 0.2904,
0.3157

Harmonies

Analogous

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



26.0299, 0.4880, 0.3202



26.0299, 0.5062, 0.3879



26.0299, 0.4644, 0.4569

Triad

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



26.0299, 0.5062, 0.3879



26.0299, 0.2126, 0.4113



26.0299, 0.2199, 0.1877

Complementary

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



26.0299, 0.5062, 0.3879



30.1155, 0.2100, 0.2440

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.



26.0299, 0.1684, 0.1897



26.0299, 0.5062, 0.3879



26.0299, 0.1627, 0.2999

Square

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



26.0299, 0.5062, 0.3879



26.0299, 0.2946, 0.5007



26.0299, 0.1494, 0.2241



26.0299, 0.3049, 0.2122

Rectangle

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



26.0299, 0.5062, 0.3879



26.0299, 0.4149, 0.4958



26.0299, 0.1494, 0.2241



26.0299, 0.1989, 0.1852

Sweetspot

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



26.0313, 0.5062, 0.3879



75.8787, 0.3535, 0.3493



19.5521, 0.3940, 0.2194



15.6817, 0.3596, 0.3519



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.



26.0313, 0.5062, 0.3879



32.4543, 0.5563, 0.3839



51.0838, 0.4271, 0.4693



13.1302, 0.3282, 0.3373



11.9001, 0.5817, 0.3764



0.8711, 0.5484, 0.4028

Inverse Universe

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



30.1155, 0.2100, 0.2440



38.4980, 0.1973, 0.2227



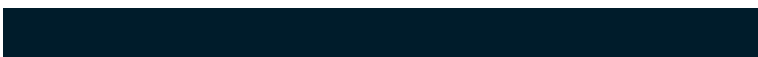
11.4703, 0.1797, 0.1242



13.3364, 0.2982, 0.3206



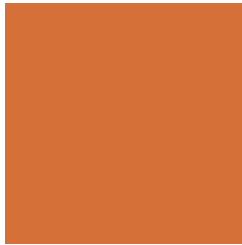
14.2142, 0.1917, 0.2099



1.0104, 0.1980, 0.2329

Previews

White Background



This preview shows how the Yxy color 26.0299, 0.5062, 0.3879 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 26.0299, 0.5062, 0.3879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

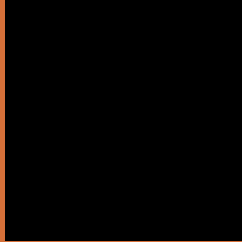
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0299, 0.5062, 0.3879

Background



This preview shows how black text looks on a background with the Yxy color 26.0299, 0.5062, 0.3879.



This preview shows how white text looks on a background with the Yxy color 26.0299, 0.5062, 0.3879.

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

26.0299, 0.5062, 0.3879

Protanopia

26.1064, 0.4060, 0.4444

Deuteranopia

26.1280, 0.4477, 0.4387



Tritanopia

26.0993, 0.4484, 0.3211

Trichromacy



Original Color

26.0299, 0.5062, 0.3879

Protanomaly

25.5432, 0.4432, 0.4231

Deuteranomaly

25.7431, 0.4708, 0.4185

Tritanomaly

25.9625, 0.4726, 0.3470

Monochromacy



Original Color

26.0299, 0.5062, 0.3879

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.1328, 0.3819, 0.3607

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0299, 0.5062, 0.3879 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(213, 112, 57)` looks like.

```
.text, #text, p{  
    color:rgb(213, 112, 57)  
}
```

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(213, 112, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 112, 57) }
```

Border

The CSS property to change the border of an element to Yxy 26.0299, 0.5062, 0.3879 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(213, 112, 57) }
```

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

```
.border{ border-color:rgb(213, 112, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 112, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 112, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 112, 57);  
box-shadow:4px 4px 4px 4px rgb(213, 112,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0299, 0.5062, 0.3879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 112, 57) }
```

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

```
.background{ background-color: rgb(213,  
112, 57) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor