

Converting Colors

$Y_{xy}(26.8009, 0.4885, 0.3809)$

Have a look what the booklet for
Yxy(26.8009, 0.4885, 0.3809)
contains.

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Color

Yxy(26.9300, 0.4887, 0.3814)

Conversions

Conversions Part 1

Format	Color
Hex	D47446
RGB	212, 116, 70
RGB Percent	83%, 45%, 27%
CMY	0.1686, 0.5451, 0.7255
CMYK	0.00, 0.45, 0.67, 0.17
HSL	19°, 62%, 55%
HSV	19°, 67%, 83%
XYZ	34.5063, 26.9300, 9.1720
YIQ	139.4600, 71.9820, 6.0460

Conversions

Conversions Part 2

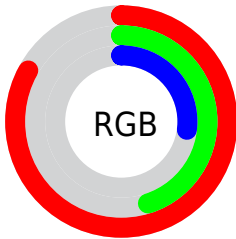
Format	Color
R_{YB}	212, 138, 70
Decimal	13923398
CIE Lab	58.91, 33.80, 41.48
CIE LCh	59, 53.511, 50.823
Yxy	26.9300, 0.4887, 0.3814
Android (android.graphics.Color)	4292113478 (0xFFD47446)
YUV	139.4600, -34.2438, 63.6176
Hunter-Lab	51.8941, 27.8764, 25.8467

Details

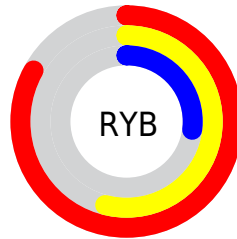
The Yxy color **26.9300, 0.4887, 0.3814** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **33.3348, 0.2181, 0.2591**, and the grayscale version is **26.1195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9920, 0.4379, 0.3796**, and **10.6337, 0.5423, 0.3831** is the 20% darker color. If you saturate the color by 10%, you get **23.6558, 0.5245, 0.3827**, and if you desaturate by 10%, it is **30.8115, 0.4532, 0.3765**.

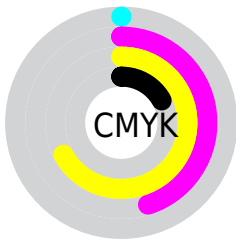
Distribution



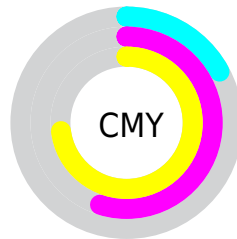
- Red (83%)
- Green (45%)
- Blue (27%)



- Red (83%)
- Yellow (54%)
- Blue (27%)



- Cyan (0%)
- Magenta (45%)
- Yellow (67%)
- Black (17%)





- Cyan (17%)
- Magenta (55%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9300, 0.4887, 0.3814 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 26.9300, 0.4887, 0.3814 by changing the saturation by 10% instead.


 26.9300, 0.4887,
0.3814


 26.9300, 0.4887,
0.3814


287.3180, 0.3943,
0.3609


 17.5207, 0.5128,
0.3832


 54.7715, 0.4536,
0.3761


 10.6064, 0.5432,
0.3829


 73.9725, 0.4406,
0.3734


 5.8028, 0.5832,
0.3786

 97.2061, 0.4296,
0.3708

 2.7256, 0.6358,
0.3642

 124.8568, 0.4204,
0.3685

 0.9902, 0.6836,
0.3164

 157.3089, 0.4125,
0.3663

 0.0000, 1.0000,
0.0000

194.9469, 0.4056,

 0.0000, 0.0000,

0.3643

0.0000

238.1552, 0.3996,
0.3625

■ 26.9300, 0.4887,
0.3814

■ 26.9300, 0.4887,
0.3814

■ 23.6558, 0.5245,
0.3827

■ 30.8115, 0.4532,
0.3765

■ 20.9509, 0.5575,
0.3793

■ 35.3267, 0.4200,
0.3693

■ 18.7777, 0.5845,
0.3711

■ 40.5055, 0.3905,
0.3608

■ 18.2160, 0.5918,
0.3683

■ 46.3746, 0.3647,
0.3519

■ 52.9590, 0.3427,
0.3431

■ 60.2825, 0.3240,
0.3346

■ 68.3676, 0.3082,
0.3267

■ 77.2359, 0.2949,
0.3194

■ 86.5284, 0.2867,
0.3186

Harmonies

Analogous

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



26.9300, 0.4664, 0.3186



26.9300, 0.4887, 0.3814



26.9300, 0.4563, 0.4439

Triad

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



26.9300, 0.4887, 0.3814



26.9300, 0.2276, 0.4093



26.9300, 0.2241, 0.1986

Complementary

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



26.9300, 0.4887, 0.3814



33.3348, 0.2181, 0.2591

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.



26.9300, 0.1782, 0.2031



26.9300, 0.4887, 0.3814



26.9300, 0.1783, 0.3108

Square

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



26.9300, 0.4887, 0.3814



26.9300, 0.3044, 0.4837



26.9300, 0.1627, 0.2385



26.9300, 0.3000, 0.2196

Rectangle

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



26.9300, 0.4887, 0.3814



26.9300, 0.4133, 0.4781



26.9300, 0.1627, 0.2385



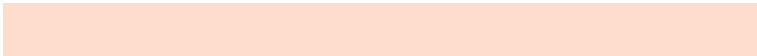
26.9300, 0.2053, 0.1971

Sweetspot

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



26.9314, 0.4887, 0.3814



77.0788, 0.3494, 0.3459



21.1708, 0.3774, 0.2200



15.8878, 0.3556, 0.3484



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.



26.9314, 0.4887, 0.3814



34.2391, 0.5378, 0.3819



49.5518, 0.4230, 0.4575



13.0710, 0.3283, 0.3366



11.4057, 0.5892, 0.3704



0.8364, 0.5552, 0.3974

Inverse Universe

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



33.3348, 0.2181, 0.2591



44.2866, 0.2054, 0.2419



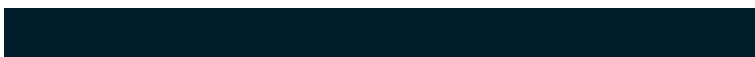
14.4274, 0.1915, 0.1485



13.3982, 0.2982, 0.3213



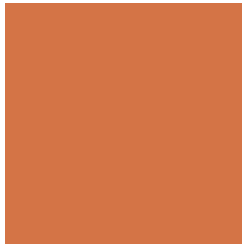
15.3131, 0.1945, 0.2202



1.0710, 0.2004, 0.2412

Previews

White Background



This preview shows how the Yxy color 26.9300, 0.4887, 0.3814 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 26.9300, 0.4887, 0.3814 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 26.9300, 0.4887, 0.3814

Background



This preview shows how black text looks on a background with the Yxy color 26.9300, 0.4887, 0.3814.



This preview shows how white text looks on a background with the Yxy color 26.9300, 0.4887, 0.3814.

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

26.9300, 0.4887, 0.3814

Protanopia

26.9784, 0.3931, 0.4277

Deuteranopia

26.9514, 0.4345, 0.4251



Tritanopia

26.9069, 0.4381, 0.3197

Trichromacy



Original Color

26.9300, 0.4887, 0.3814

Protanomaly

26.5270, 0.4270, 0.4105

Deuteranomaly

26.6624, 0.4553, 0.4085

Tritanomaly

26.8241, 0.4582, 0.3426

Monochromacy



Original Color

26.9300, 0.4887, 0.3814

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.5545, 0.3740, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9300, 0.4887, 0.3814 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(212, 116, 70)` looks like.

```
.text, #text, p{  
    color:rgb(212, 116, 70)  
}
```

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(212, 116, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 116, 70) }
```

Border

The CSS property to change the border of an element to Yxy 26.9300, 0.4887, 0.3814 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(212, 116, 70) }
```

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

```
.border{ border-color:rgb(212, 116, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 116, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 116, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 116, 70);  
box-shadow:4px 4px 4px 4px rgb(212, 116,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9300, 0.4887, 0.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 116, 70) }
```

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

```
.background{ background-color: rgb(212,  
116, 70) }
```

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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