

Converting Colors

$Yxy(26.6406, 0.5038, 0.3824)$

Have a look what the booklet for
Yxy(26.6406, 0.5038, 0.3824)
contains.

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Color

Yxy(26.5462, 0.5035, 0.3818)

Conversions

Conversions Part 1

Format	Color
Hex	D8703F
RGB	216, 112, 63
RGB Percent	85%, 44%, 25%
CMY	0.1530, 0.5607, 0.7531
CMYK	0.00, 0.48, 0.71, 0.15
HSL	19°, 66%, 55%
HSV	19°, 71%, 85%
XYZ	35.0079, 26.5462, 7.9750
YIQ	137.5100, 77.7130, 6.8090

Conversions

Conversions Part 2

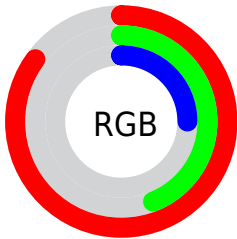
Format	Color
R _Y B	216, 135, 63
Decimal	14184511
CIE Lab	58.55, 37.06, 44.86
CIE LCh	59, 58.190, 50.434
Yxy	26.5462, 0.5035, 0.3818
Android (android.graphics.Color)	4292374591 (0xFFD8703F)
YUV	137.5100, -36.7334, 68.8357
Hunter-Lab	51.5230, 31.1186, 26.8889

Details

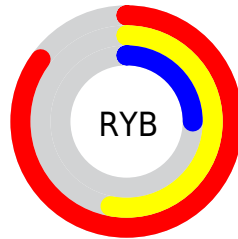
The Yxy color **26.5462, 0.5035, 0.3818** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **33.6271, 0.2143, 0.2551**, and the grayscale version is **25.3396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3625, 0.4466, 0.3822**, and **10.3378, 0.5610, 0.3799** is the 20% darker color. If you saturate the color by 10%, you get **23.3725, 0.5388, 0.3813**, and if you desaturate by 10%, it is **30.3453, 0.4673, 0.3783**.

Distribution



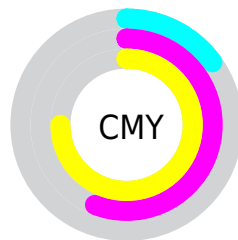
- Red (85%)
- Green (44%)
- Blue (25%)



- Red (85%)
- Yellow (53%)
- Blue (25%)



- Cyan (0%)
- Magenta (48%)
- Yellow (71%)
- Black (15%)




- Cyan (15%)
- Magenta (56%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5462, 0.5035, 0.3818 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 26.5462, 0.5035, 0.3818 by changing the saturation by 10% instead.


 26.5462, 0.5035,
0.3818


 26.5462, 0.5035,
0.3818


285.4531, 0.4017,
0.3627


 17.2327, 0.5290,
0.3824


 54.1548, 0.4659,
0.3775


 10.4005, 0.5606,
0.3802


 73.2187, 0.4519,
0.3751


 5.6653, 0.6049,
0.3748

 96.3015, 0.4401,
0.3726

 2.6427, 0.6493,
0.3507

 123.7876, 0.4300,
0.3703

 0.9482, 0.7006,
0.2994

 156.0614, 0.4214,
0.3682

 0.0000, 1.0000,
0.0000

 193.5074, 0.4139,

 0.0000, 0.0000,

0.3662

0.0000

236.5098, 0.4074,
0.3644

■ 26.5462, 0.5035,
0.3818

■ 26.5462, 0.5035,
0.3818

■ 23.3725, 0.5388,
0.3813

■ 30.3453, 0.4673,
0.3783

■ 20.7825, 0.5699,
0.3759

■ 34.7992, 0.4329,
0.3719

■ 18.8834, 0.5928,
0.3675

■ 39.9404, 0.4017,
0.3639

■ 45.7977, 0.3744,
0.3551

■ 52.3983, 0.3509,
0.3463

■ 59.7677, 0.3309,
0.3377

■ 67.9305, 0.3140,
0.3297

■ 76.9097, 0.2998,
0.3222

■ 86.5755, 0.2890,
0.3177

Harmonies

Analogous

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



26.5462, 0.4797, 0.3154



26.5462, 0.5035, 0.3818



26.5462, 0.4672, 0.4497

Triad

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



26.5462, 0.5035, 0.3818



26.5462, 0.2206, 0.4188



26.5462, 0.2160, 0.1891

Complementary

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



26.5462, 0.5035, 0.3818



33.6271, 0.2143, 0.2551

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.



26.5462, 0.1680, 0.1937



26.5462, 0.5035, 0.3818



26.5462, 0.1682, 0.3091

Square

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



26.5462, 0.5035, 0.3818



26.5462, 0.3030, 0.5005



26.5462, 0.1519, 0.2309



26.5462, 0.2971, 0.2112

Rectangle

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



26.5462, 0.5035, 0.3818



26.5462, 0.4203, 0.4888



26.5462, 0.1519, 0.2309



26.5462, 0.1963, 0.1875

Sweetspot

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



26.5476, 0.5035, 0.3818



75.9610, 0.3516, 0.3466



20.9579, 0.3827, 0.2161



15.6638, 0.3579, 0.3490



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.



26.5476, 0.5035, 0.3818



32.0699, 0.5549, 0.3792



50.8955, 0.4285, 0.4622



13.0642, 0.3283, 0.3365



11.3514, 0.5900, 0.3697



0.8325, 0.5560, 0.3967

Inverse Universe

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



33.6271, 0.2143, 0.2551



42.5526, 0.2020, 0.2367



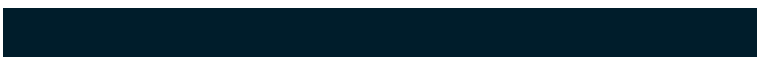
13.4974, 0.1850, 0.1373



13.4053, 0.2982, 0.3214



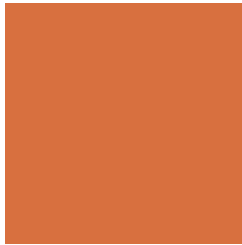
15.4445, 0.1948, 0.2214



1.0781, 0.2006, 0.2422

Previews

White Background



This preview shows how the Yxy color 26.5462, 0.5035, 0.3818 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 26.5462, 0.5035, 0.3818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

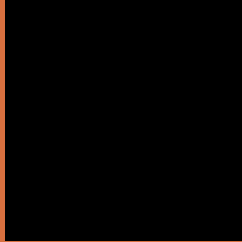
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5462, 0.5035, 0.3818

Background



This preview shows how black text looks on a background with the Yxy color 26.5462, 0.5035, 0.3818.



This preview shows how white text looks on a background with the Yxy color 26.5462, 0.5035, 0.3818.

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

26.5462, 0.5035, 0.3818

Protanopia

26.5856, 0.4003, 0.4361

Deuteranopia

26.5757, 0.4431, 0.4334



Tritanopia

26.5830, 0.4503, 0.3200

Trichromacy



Original Color

26.5462, 0.5035, 0.3818

Protanomaly

25.8599, 0.4390, 0.4141

Deuteranomaly

26.3138, 0.4668, 0.4131

Tritanomaly

26.4568, 0.4731, 0.3444

Monochromacy



Original Color

26.5462, 0.5035, 0.3818

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.9552, 0.3785, 0.3572

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5462, 0.5035, 0.3818 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(216, 112, 63)` looks like.

```
.text, #text, p{  
    color:rgb(216, 112, 63)  
}
```

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(216, 112, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 112, 63) }
```

Border

The CSS property to change the border of an element to Yxy 26.5462, 0.5035, 0.3818 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(216, 112, 63) }
```

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

```
.border{ border-color:rgb(216, 112, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 112, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 112, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 112, 63);  
box-shadow:4px 4px 4px 4px rgb(216, 112,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5462, 0.5035, 0.3818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 112, 63) }
```

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

```
.background{ background-color: rgb(216,  
112, 63) }
```

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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