

Converting Colors

$Y_{xy}(26.2627, 0.4866, 0.3954)$

Have a look what the booklet for
Yxy(26.2627, 0.4866, 0.3954)
contains.

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Color

Yxy(26.1312, 0.4874, 0.3952)

Conversions

Conversions Part 1

Format	Color
Hex	CC763D
RGB	204, 118, 61
RGB Percent	80%, 46%, 24%
CMY	0.1999, 0.5373, 0.7607
CMYK	0.00, 0.42, 0.70, 0.20
HSL	24°, 58%, 52%
HSV	24°, 70%, 80%
XYZ	32.2276, 26.1312, 7.7627
YIQ	137.2160, 69.5530, 0.5050

Conversions

Conversions Part 2

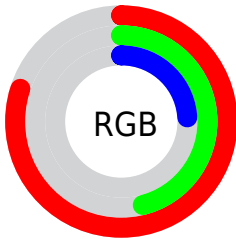
Format	Color
R_{YB}	204, 156, 61
Decimal	13399613
CIE _{Lab}	58.16, 29.00, 44.93
CIE _{LCh}	58, 53.478, 57.165
Yxy	26.1312, 0.4874, 0.3952
Android (android.graphics.Color)	4291589693 (0xFFCC763D)
YUV	137.2160, -37.5745, 58.5696
Hunter-Lab	51.1187, 23.0770, 26.7796

Details

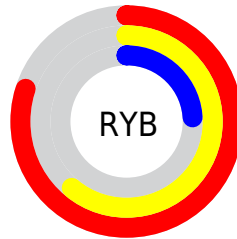
The Yxy color **26.1312, 0.4874, 0.3952** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **26.2364, 0.2106, 0.2375**, and the grayscale version is **25.2286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5335, 0.4442, 0.3901**, and **10.1781, 0.5406, 0.3986** is the 20% darker color. If you saturate the color by 10%, you get **23.2479, 0.5190, 0.3966**, and if you desaturate by 10%, it is **29.4770, 0.4551, 0.3897**.

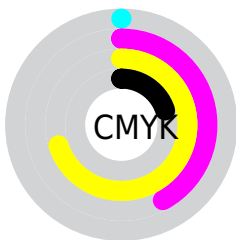
Distribution



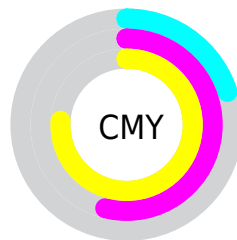
- Red (80%)
- Green (46%)
- Blue (24%)



- Red (80%)
- Yellow (61%)
- Blue (24%)



- Cyan (0%)
- Magenta (42%)
- Yellow (70%)
- Black (20%)





- Cyan (20%)
- Magenta (54%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1312, 0.4874, 0.3952 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 26.1312, 0.4874, 0.3952 by changing the saturation by 10% instead.


 26.1312, 0.4874,
0.3952


 26.1312, 0.4874,
0.3952


283.4255, 0.3941,
0.3676


 16.9218, 0.5107,
0.3984


 53.4865, 0.4530,
0.3875


 10.1788, 0.5396,
0.3996


 72.4013, 0.4401,
0.3838


 5.5176, 0.5817,
0.4000

 95.3199, 0.4293,
0.3804

 2.5541, 0.6197,
0.3803

 122.6269, 0.4201,
0.3773

 0.9036, 0.6651,
0.3349

 154.7065, 0.4122,
0.3745

 0.0000, 1.0000,
0.0000

 191.9432, 0.4054,

 0.0000, 0.0000,

0.3720

0.0000

234.7214, 0.3994,
0.3697

■ 26.1312, 0.4874,
0.3952

■ 26.1312, 0.4874,
0.3952

■ 23.2479, 0.5190,
0.3966

■ 29.4770, 0.4551,
0.3897

■ 20.7986, 0.5475,
0.3928

■ 33.3033, 0.4241,
0.3812

■ 18.7674, 0.5712,
0.3846

■ 37.6320, 0.3957,
0.3712

■ 42.4820, 0.3704,
0.3603

■ 47.8713, 0.3483,
0.3495

■ 53.8169, 0.3292,
0.3390

■ 60.3350, 0.3129,
0.3291

■ 67.4410, 0.2988,
0.3199

■ 75.1500, 0.2868,
0.3114

Harmonies

Analogous

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



26.1312, 0.4776, 0.3314



26.1312, 0.4874, 0.3952



26.1312, 0.4450, 0.4568

Triad

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



26.1312, 0.4874, 0.3952



26.1312, 0.2135, 0.3888



26.1312, 0.2372, 0.2001

Complementary

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



26.1312, 0.4874, 0.3952



26.2364, 0.2106, 0.2375

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.



26.1312, 0.1843, 0.1988



26.1312, 0.4874, 0.3952



26.1312, 0.1711, 0.2919

Square

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



26.1312, 0.4874, 0.3952



26.1312, 0.2864, 0.4747



26.1312, 0.1623, 0.2272



26.1312, 0.3190, 0.2262

Rectangle

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



26.1312, 0.4874, 0.3952



26.1312, 0.3979, 0.4873



26.1312, 0.1623, 0.2272



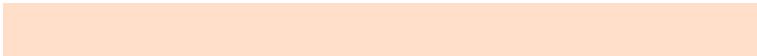
26.1312, 0.2161, 0.1967

Sweetspot

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



26.1326, 0.4874, 0.3952



78.1584, 0.3508, 0.3508



18.3565, 0.3965, 0.2273



16.1817, 0.3568, 0.3538



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.



26.1326, 0.4874, 0.3952



36.3756, 0.5338, 0.3954



48.8621, 0.4191, 0.4698



11.9349, 0.3280, 0.3383



11.9805, 0.5687, 0.3866



0.7653, 0.5330, 0.4150

Inverse Universe

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



26.2364, 0.2106, 0.2375



36.3105, 0.1963, 0.2143



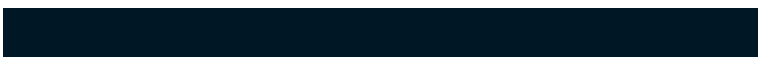
10.7601, 0.1834, 0.1271



11.9478, 0.2983, 0.3195



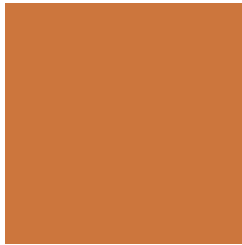
11.8038, 0.1872, 0.1941



0.7548, 0.1954, 0.2232

Previews

White Background



This preview shows how the Yxy color 26.1312, 0.4874, 0.3952 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 26.1312, 0.4874, 0.3952 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 26.1312, 0.4874, 0.3952

Background



This preview shows how black text looks on a background with the Yxy color 26.1312, 0.4874, 0.3952.



This preview shows how white text looks on a background with the Yxy color 26.1312, 0.4874, 0.3952.

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

26.1312, 0.4874, 0.3952

Protanopia

26.1421, 0.4035, 0.4406

Deuteranopia

26.0691, 0.4419, 0.4334



Tritanopia

25.9662, 0.4271, 0.3192

Trichromacy



Original Color

26.1312, 0.4874, 0.3952

Protanomaly

25.7684, 0.4349, 0.4239

Deuteranomaly

26.0581, 0.4589, 0.4198

Tritanomaly

26.0383, 0.4519, 0.3494

Monochromacy



Original Color

26.1312, 0.4874, 0.3952

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.6465, 0.3743, 0.3626

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1312, 0.4874, 0.3952 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(204, 118, 61)` looks like.

```
.text, #text, p{  
    color:rgb(204, 118, 61)  
}
```

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(204, 118, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 118, 61) }
```

Border

The CSS property to change the border of an element to Yxy 26.1312, 0.4874, 0.3952 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(204, 118, 61) }
```

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

```
.border{ border-color:rgb(204, 118, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 118, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 118, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 118, 61);  
box-shadow:4px 4px 4px 4px rgb(204, 118,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1312, 0.4874, 0.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 118, 61) }
```

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

```
.background{ background-color: rgb(204,  
118, 61) }
```

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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