

Converting Colors

$Y_{xy}(26.1740, 0.4799, 0.4063)$

Have a look what the booklet for
Yxy(26.1740, 0.4799, 0.4063)
contains.

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Color

Yxy(26.2202, 0.4804, 0.4065)

Conversions

Conversions Part 1

Format	Color
Hex	C67A39
RGB	198, 122, 57
RGB Percent	78%, 48%, 22%
CMY	0.2235, 0.5216, 0.7766
CMYK	0.00, 0.38, 0.71, 0.22
HSL	28°, 55%, 50%
HSV	28°, 71%, 78%
XYZ	30.9869, 26.2202, 7.2952
YIQ	137.3140, 66.1610, -4.1030

Conversions

Conversions Part 2

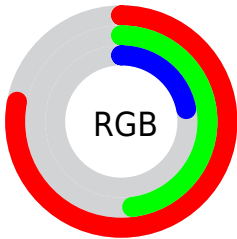
Format	Color
R_{YB}	198, 178, 57
Decimal	13007417
CIE _{Lab}	58.25, 24.10, 46.78
CIE _{LCh}	58, 52.622, 62.741
Yxy	26.2202, 0.4804, 0.4065
Android (android.graphics.Color)	4291197497 (0xFFC67A39)
YUV	137.3140, -39.5948, 53.2216
Hunter-Lab	51.2057, 18.4087, 27.3970

Details

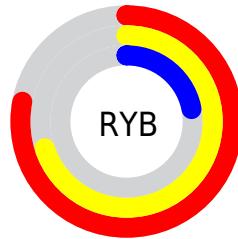
The Yxy color **26.2202, 0.4804, 0.4065** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **21.7143, 0.2057, 0.2204**, and the grayscale version is **25.2754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9815, 0.4446, 0.3977**, and **10.2628, 0.5279, 0.4151** is the 20% darker color. If you saturate the color by 10%, you get **23.5829, 0.5086, 0.4087**, and if you desaturate by 10%, it is **29.2250, 0.4511, 0.3999**.

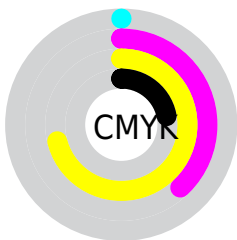
Distribution



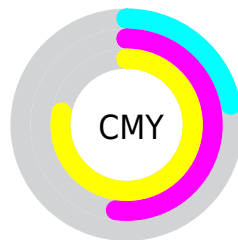
- Red (78%)
- Green (48%)
- Blue (22%)



- Red (78%)
- Yellow (70%)
- Blue (22%)



- Cyan (0%)
- Magenta (38%)
- Yellow (71%)
- Black (22%)



- Cyan (22%)
- Magenta (52%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2202, 0.4804, 0.4065 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 26.2202, 0.4804, 0.4065 by changing the saturation by 10% instead.


 26.2202, 0.4804,
0.4065


 26.2202, 0.4804,
0.4065


283.8614, 0.3915,
0.3725

 16.9884, 0.5023,
0.4114


 53.6300, 0.4478,
0.3963

 10.2263, 0.5290,
0.4146


 72.5768, 0.4356,
0.3918


 5.5492, 0.5701,
0.4197


 95.5307, 0.4252,
0.3876

 2.5730, 0.5994,
0.4006

 122.8762, 0.4164,
0.3839

 0.9131, 0.6392,
0.3608

 154.9976, 0.4089,
0.3806

 0.0000, 1.0000,
0.0000

 192.2793, 0.4023,

 0.0000, 0.0000,

0.3776

0.0000

235.1058, 0.3966,
0.3749

■ 26.2202, 0.4804,
0.4065

■ 26.2202, 0.4804,
0.4065

■ 23.5829, 0.5086,
0.4087

■ 29.2250, 0.4511,
0.3999

■ 21.2901, 0.5338,
0.4057

■ 32.6100, 0.4225,
0.3903

■ 19.5400, 0.5528,
0.3992

■ 36.3921, 0.3958,
0.3788

■ 40.5857, 0.3715,
0.3664

■ 45.2042, 0.3499,
0.3540

■ 50.2606, 0.3310,
0.3419

■ 55.7670, 0.3146,
0.3304

■ 61.7352, 0.3003,
0.3196

■ 68.1763, 0.2880,
0.3097

Harmonies

Analogous

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



26.2202, 0.4811, 0.3432



26.2202, 0.4804, 0.4065



26.2202, 0.4315, 0.4649

Triad

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



26.2202, 0.4804, 0.4065



26.2202, 0.2048, 0.3691



26.2202, 0.2514, 0.2049

Complementary

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



26.2202, 0.4804, 0.4065



21.7143, 0.2057, 0.2204

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.



26.2202, 0.1935, 0.1988



26.2202, 0.4804, 0.4065



26.2202, 0.1691, 0.2780

Square

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



26.2202, 0.4804, 0.4065



26.2202, 0.2721, 0.4600



26.2202, 0.1661, 0.2211



26.2202, 0.3361, 0.2348

Rectangle

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



26.2202, 0.4804, 0.4065



26.2202, 0.3824, 0.4899



26.2202, 0.1661, 0.2211



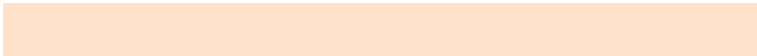
26.2202, 0.2287, 0.2000

Sweetspot

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



26.2216, 0.4804, 0.4065



79.9685, 0.3501, 0.3541



16.6663, 0.4145, 0.2374



16.6098, 0.3559, 0.3576



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.



26.2216, 0.4804, 0.4065



39.6347, 0.5218, 0.4079



49.5419, 0.4126, 0.4793



11.4294, 0.3278, 0.3397



12.8742, 0.5506, 0.4010



0.7541, 0.5164, 0.4282

Inverse Universe

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



21.7143, 0.2057, 0.2204



31.0976, 0.1904, 0.1935



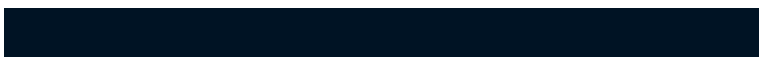
8.6163, 0.1788, 0.1123



11.2184, 0.2983, 0.3181



9.6222, 0.1812, 0.1724



0.5994, 0.1911, 0.2080

Previews

White Background



This preview shows how the Yxy color 26.2202, 0.4804, 0.4065 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 26.2202, 0.4804, 0.4065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

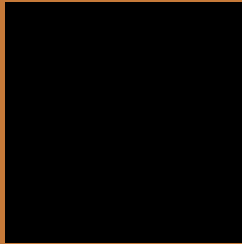
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2202, 0.4804, 0.4065

Background



This preview shows how black text looks on a background with the Yxy color 26.2202, 0.4804, 0.4065.



This preview shows how white text looks on a background with the Yxy color 26.2202, 0.4804, 0.4065.

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

26.2202, 0.4804, 0.4065

Protanopia

26.4766, 0.4080, 0.4476

Deuteranopia

26.4305, 0.4443, 0.4370



Tritanopia

26.2481, 0.4138, 0.3189

Trichromacy



Original Color

26.2202, 0.4804, 0.4065

Protanomaly

26.0450, 0.4341, 0.4321

Deuteranomaly

26.3084, 0.4569, 0.4263

Tritanomaly

26.2752, 0.4421, 0.3539

Monochromacy



Original Color

26.2202, 0.4804, 0.4065

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.9562, 0.3720, 0.3676

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2202, 0.4804, 0.4065 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(198, 122, 57)` looks like.

```
.text, #text, p{  
    color:rgb(198, 122, 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(198, 122, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 122, 57) }
```

Border

The CSS property to change the border of an element to Yxy 26.2202, 0.4804, 0.4065 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(198, 122, 57) }
```

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

```
.border{ border-color:rgb(198, 122, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 122, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 122, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 122, 57);  
box-shadow:4px 4px 4px 4px rgb(198, 122,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2202, 0.4804, 0.4065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 122, 57) }
```

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

```
.background{ background-color: rgb(198,  
122, 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](#).

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