

Converting Colors

$Y_{xy}(26.4190, 0.4651, 0.4083)$

Have a look what the booklet for
Yxy(26.4190, 0.4651, 0.4083)
contains.

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Color

Yxy(26.4871, 0.4644, 0.4087)

Conversions

Conversions Part 1

Format	Color
Hex	C07E3F
RGB	192, 126, 63
RGB Percent	75%, 49%, 25%
CMY	0.2470, 0.5059, 0.7531
CMYK	0.00, 0.34, 0.67, 0.25
HSL	29°, 51%, 50%
HSV	29°, 67%, 75%
XYZ	30.0969, 26.4871, 8.2242
YIQ	138.5520, 59.5590, -5.6010

Conversions

Conversions Part 2

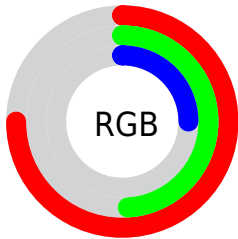
Format	Color
RYB	192, 186, 63
Decimal	12615231
CIELab	58.50, 19.69, 43.90
CIElCh	58, 48.115, 65.840
Yxy	26.4871, 0.4644, 0.4087
Android (android.graphics.Color)	4290805311 (0xFFC07E3F)
YUV	138.5520, -37.2471, 46.8739
Hunter-Lab	51.4656, 14.3213, 26.5514

Details

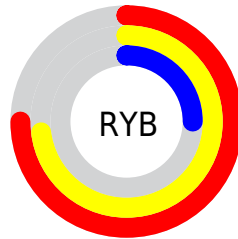
The Yxy color **26.4871, 0.4644, 0.4087** is a dark color, and the websafe version is hex **996633**. The color can be described as dark muted orange. A complement of this color would be **20.5552, 0.2092, 0.2215**, and the grayscale version is **25.7659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1279, 0.4346, 0.3971**, and **10.4051, 0.5086, 0.4214** is the 20% darker color. If you saturate the color by 10%, you get **23.9203, 0.4919, 0.4135**, and if you desaturate by 10%, it is **29.3781, 0.4365, 0.4001**.

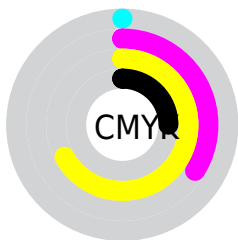
Distribution



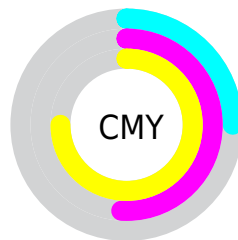
- Red (75%)
- Green (49%)
- Blue (25%)



- Red (75%)
- Yellow (73%)
- Blue (25%)



- Cyan (0%)
- Magenta (34%)
- Yellow (67%)
- Black (25%)



- Cyan (25%)
- Magenta (51%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4871, 0.4644, 0.4087 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 26.4871, 0.4644, 0.4087 by changing the saturation by 10% instead.


 26.4871, 0.4644,
0.4087


 26.4871, 0.4644,
0.4087


285.1651, 0.3837,
0.3718


 17.1884, 0.4846,
0.4152


 54.0597, 0.4346,
0.3969

 10.3689, 0.5096,
0.4211


 73.1024, 0.4235,
0.3919


 5.6442, 0.5448,
0.4275

 96.1619, 0.4141,
0.3875

 2.6300, 0.5799,
0.4201

 123.6226, 0.4062,
0.3836

 0.9418, 0.6135,
0.3865

 155.8689, 0.3994,
0.3801

 0.0000, 1.0000,
0.0000

 193.2851, 0.3934,

 0.0000, 0.0000,

0.3770

0.0000

236.2557, 0.3883,
0.3743

■ 26.4871, 0.4644,
0.4087

■ 26.4871, 0.4644,
0.4087

■ 23.9203, 0.4919,
0.4135

■ 29.3781, 0.4365,
0.4001

■ 21.6583, 0.5171,
0.4133

■ 32.6030, 0.4096,
0.3889

■ 19.6836, 0.5387,
0.4078

■ 36.1758, 0.3845,
0.3763

■ 19.1761, 0.5445,
0.4059

■ 40.1085, 0.3619,
0.3632

■ 44.4122, 0.3418,
0.3502

■ 49.0977, 0.3241,
0.3376

■ 54.1750, 0.3086,
0.3258

■ 59.6538, 0.2952,
0.3148

■ 65.5436, 0.2835,
0.3046

Harmonies

Analogous

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



26.4871, 0.4690, 0.3498



26.4871, 0.4644, 0.4087



26.4871, 0.4170, 0.4595

Triad

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



26.4871, 0.4644, 0.4087



26.4871, 0.2089, 0.3567



26.4871, 0.2639, 0.2157

Complementary

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



26.4871, 0.4644, 0.4087



20.5552, 0.2092, 0.2215

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.



26.4871, 0.2067, 0.2079



26.4871, 0.4644, 0.4087



26.4871, 0.1781, 0.2764

Square

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



26.4871, 0.4644, 0.4087



26.4871, 0.2691, 0.4401



26.4871, 0.1780, 0.2264



26.4871, 0.3433, 0.2459

Rectangle

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



26.4871, 0.4644, 0.4087



26.4871, 0.3708, 0.4777



26.4871, 0.1780, 0.2264



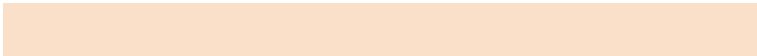
26.4871, 0.2418, 0.2104

Sweetspot

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



26.4884, 0.4644, 0.4087



77.9634, 0.3478, 0.3542



16.3610, 0.4133, 0.2457



16.2498, 0.3534, 0.3579



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.4884, 0.4644, 0.4087



41.1840, 0.5051, 0.4140



48.3304, 0.4053, 0.4775



10.8720, 0.3277, 0.3403



13.0575, 0.5425, 0.4074



0.7022, 0.5080, 0.4349

Inverse Universe

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



20.5552, 0.2092, 0.2215



29.6512, 0.1920, 0.1929



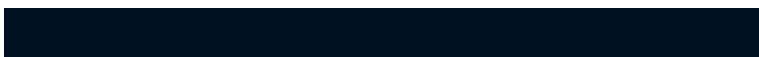
8.6562, 0.1845, 0.1187



10.5807, 0.2984, 0.3175



8.6217, 0.1787, 0.1634



0.5102, 0.1898, 0.2033

Previews

White Background



This preview shows how the Yxy color 26.4871, 0.4644, 0.4087 looks on a white background.

Color Contrast Check

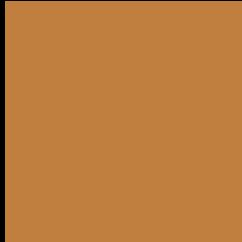
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4871, 0.4644, 0.4087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

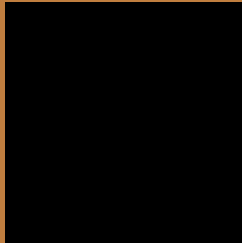
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4871, 0.4644, 0.4087

Background



This preview shows how black text looks on a background with the Yxy color 26.4871, 0.4644, 0.4087.



This preview shows how white text looks on a background with the Yxy color 26.4871, 0.4644, 0.4087.

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

26.4871, 0.4644, 0.4087

Protanopia

26.5350, 0.4038, 0.4413

Deuteranopia

26.5011, 0.4387, 0.4298



Tritanopia

26.4879, 0.3982, 0.3171

Trichromacy



Original Color

26.4871, 0.4644, 0.4087

Protanomaly

26.4367, 0.4254, 0.4301

Deuteranomaly

26.4042, 0.4478, 0.4216

Tritanomaly

26.5206, 0.4261, 0.3535

Monochromacy



Original Color

26.4871, 0.4644, 0.4087

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.4670, 0.3664, 0.3660

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4871, 0.4644, 0.4087 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(192, 126, 63)` looks like.

```
.text, #text, p{  
    color:rgb(192, 126, 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(192, 126, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 126, 63) }
```

Border

The CSS property to change the border of an element to Yxy 26.4871, 0.4644, 0.4087 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(192, 126, 63) }
```

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

```
.border{ border-color:rgb(192, 126, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 126, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 126, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 126, 63);  
box-shadow:4px 4px 4px 4px rgb(192, 126,  
63) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 26.4871, 0.4644, 0.4087$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 126, 63) }
```

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

```
.background{ background-color: rgb(192,  
126, 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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