

Converting Colors

$Y_{xy}(26.4688, 0.4828, 0.4963)$

Have a look what the booklet for
Yxy(26.4688, 0.4828, 0.4963)
contains.

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Color

$\text{Yxy}(26.6070, 0.4638, 0.4699)$

Conversions

Conversions Part 1

Format	Color
Hex	AE8800
RGB	174, 136, 0
RGB Percent	68%, 53%, 0%
CMY	0.3176, 0.4667, 0.9996
CMYK	0.00, 0.22, 1.00, 0.32
HSL	47°, 100%, 34%
HSV	47°, 100%, 68%
XYZ	26.2616, 26.6070, 3.7541
YIQ	131.8580, 66.3040, -34.2400

Conversions

Conversions Part 2

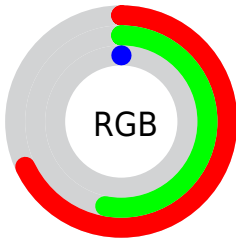
Format	Color
RYB	49, 174, 0
Decimal	11438080
CIELab	58.61, 4.07, 63.54
CIELCh	59, 63.672, 86.335
Yxy	26.6070, 0.4638, 0.4699
Android (android.graphics.Color)	4289628160 (0xFFAE8800)
YUV	131.8580, -65.0060, 36.9585
Hunter-Lab	51.5820, 0.6101, 31.7923

Details

The Yxy color **26.6070, 0.4638, 0.4699** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **4.4500, 0.1566, 0.0836**, and the grayscale version is **23.2464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3298, 0.4398, 0.4489**, and **10.5983, 0.4708, 0.4644** is the 20% darker color. If you saturate the color by 10%, you get **26.6020, 0.4638, 0.4699**, and if you desaturate by 10%, it is **27.7405, 0.4551, 0.4691**.

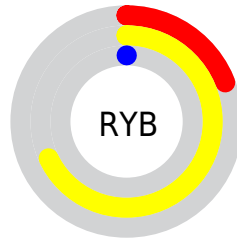
Distribution



Red (68%)

Green (53%)

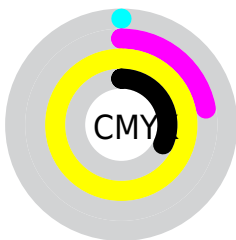
Blue (0%)



Red (19%)

Yellow (68%)

Blue (0%)

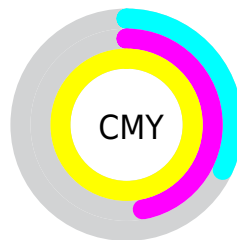


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (32%)



Cyan (32%)


Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6070, 0.4638, 0.4699 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 26.6070, 0.4638, 0.4699 by changing the saturation by 10% instead.


 26.6070, 0.4638,
0.4699


 26.6070, 0.4638,
0.4699


285.7492, 0.3905,
0.4039


 17.2783, 0.4775,
0.4810

 54.2526, 0.4397,
0.4491

 10.4331, 0.4951,
0.4948

 73.3382, 0.4297,
0.4401

 5.6871, 0.5030,
0.4970

 96.4450, 0.4210,
0.4321

 2.6557, 0.5075,
0.4925

 123.9573, 0.4133,
0.4251


 0.9548, 0.5155,
0.4845

 156.2594, 0.4065,
0.4188


 0.0000, 0.0000,
0.0000


 193.7359, 0.4005,

0.4133


 236.7710, 0.3953,
0.4083

 26.6070, 0.4638,
0.4699

 26.6070, 0.4638,
0.4699


 26.6020, 0.4638,
0.4699

 27.7405, 0.4551,
0.4691

 28.9479, 0.4440,
0.4644

 30.2453, 0.4302,
0.4552

 31.6397, 0.4143,
0.4420

 33.1372, 0.3970,
0.4257

■ 34.7432, 0.3791,
0.4072

■ 36.4625, 0.3613,
0.3875

■ 38.2996, 0.3441,
0.3676

■ 40.2586, 0.3278,
0.3479

Harmonies

Analogous

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



26.6070, 0.5154, 0.3968



26.6070, 0.4638, 0.4699



26.6070, 0.3779, 0.5239

Triad

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



26.6070, 0.4638, 0.4699



26.6070, 0.1510, 0.2854



26.6070, 0.3158, 0.2103

Complementary

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



26.6070, 0.4638, 0.4699



4.4500, 0.1566, 0.0836

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.



26.6070, 0.2225, 0.1818



26.6070, 0.4638, 0.4699



26.6070, 0.1416, 0.2112

Square

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



26.6070, 0.4638, 0.4699



26.6070, 0.1980, 0.4033



26.6070, 0.1650, 0.1803



26.6070, 0.4265, 0.2612

Rectangle

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



26.6070, 0.4638, 0.4699



26.6070, 0.3132, 0.5240



26.6070, 0.1650, 0.1803



26.6070, 0.2812, 0.1980

Sweetspot

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



26.6083, 0.4638, 0.4699



65.9433, 0.3624, 0.3887



9.1596, 0.5969, 0.3063



14.3656, 0.3697, 0.3969



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



26.6083, 0.4638, 0.4699



47.9055, 0.4648, 0.4692



34.8363, 0.3731, 0.5419



9.0287, 0.3268, 0.3466



19.3824, 0.4632, 0.4704



0.6121, 0.4476, 0.4828

Inverse Universe

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



4.4500, 0.1566, 0.0836



7.7904, 0.1559, 0.0810



3.6504, 0.1667, 0.0692



8.0305, 0.2986, 0.3108



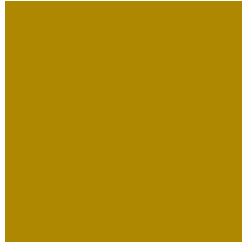
3.2976, 0.1570, 0.0851



0.1705, 0.1725, 0.1411

Previews

White Background



This preview shows how the Yxy color 26.6070, 0.4638, 0.4699 looks on a white background.

Color Contrast Check

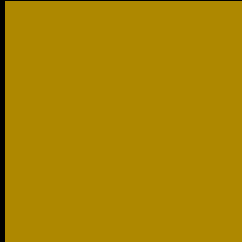
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6070, 0.4638, 0.4699 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 26.6070, 0.4638, 0.4699

Background



This preview shows how black text looks on a background with the Yxy color 26.6070, 0.4638, 0.4699.



This preview shows how white text looks on a background with the Yxy color 26.6070, 0.4638, 0.4699.

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

26.6070, 0.4638, 0.4699

Protanopia

26.7345, 0.4376, 0.4872

Deuteranopia

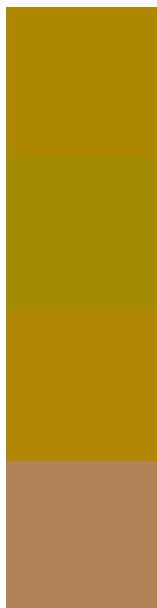
26.6558, 0.4699, 0.4610



Tritanopia

26.5230, 0.3674, 0.3148

Trichromacy



Original Color

26.6070, 0.4638, 0.4699

Protanomaly

26.6596, 0.4464, 0.4816

Deuteranomaly

26.6882, 0.4672, 0.4647

Tritanomaly

26.1184, 0.4204, 0.3912

Monochromacy



Original Color

26.6070, 0.4638, 0.4699

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.6182, 0.3835, 0.4113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6070, 0.4638, 0.4699 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(174, 136, 0)` looks like.

```
.text, #text, p{  
    color:rgb(174, 136, 0)  
}
```

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(174, 136, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 136, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.6070, 0.4638, 0.4699 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(174, 136, 0) }
```

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

```
.border{ border-color:rgb(174, 136, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 136, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 136, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 136, 0);  
box-shadow:4px 4px 4px 4px rgb(174, 136,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6070, 0.4638, 0.4699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 136, 0) }
```

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

```
.background{ background-color: rgb(174,  
136, 0) }
```

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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