

Converting Colors

$Y_{xy}(26.2018, 0.5049, 0.4912)$

Have a look what the booklet for
Yxy(26.2018, 0.5049, 0.4912)
contains.

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Color

Yxy(26.4476, 0.4778, 0.4588)

Conversions

Conversions Part 1

Format	Color
Hex	B68400
RGB	182, 132, 0
RGB Percent	71%, 52%, 0%
CMY	0.2863, 0.4823, 0.9998
CMYK	0.00, 0.27, 1.00, 0.29
HSL	44°, 100%, 36%
HSV	44°, 100%, 71%
XYZ	27.5429, 26.4476, 3.6547
YIQ	131.9020, 72.1720, -30.4520

Conversions

Conversions Part 2

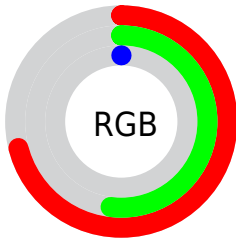
Format	Color
RYB	69, 182, 0
Decimal	11961344
CIELab	58.46, 9.93, 63.86
CIELCh	58, 64.630, 81.165
Yxy	26.4476, 0.4778, 0.4588
Android (android.graphics.Color)	4290151424 (0xFFB68400)
YUV	131.9020, -65.0277, 43.9359
Hunter-Lab	51.4272, 5.6015, 31.7856

Details

The Yxy color **26.4476, 0.4778, 0.4588** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **5.6637, 0.1595, 0.0942**, and the grayscale version is **23.2600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0048, 0.4504, 0.4419**, and **10.4716, 0.4896, 0.4495** is the 20% darker color. If you saturate the color by 10%, you get **26.4443, 0.4778, 0.4588**, and if you desaturate by 10%, it is **27.8825, 0.4670, 0.4593**.

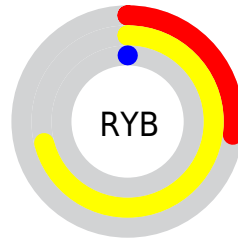
Distribution



Red (71%)

Green (52%)

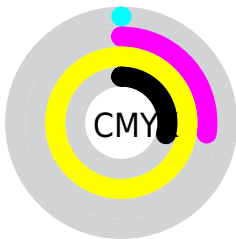
Blue (0%)



Red (27%)

Yellow (71%)

Blue (0%)

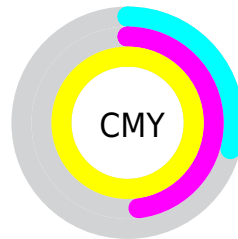


Cyan (0%)

Magenta (27%)

Yellow (100%)

Black (29%)



Cyan (29%)


Magenta (48%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4476, 0.4778, 0.4588 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 26.4476, 0.4778, 0.4588 by changing the saturation by 10% instead.


 26.4476, 0.4778,
0.4588


 26.4476, 0.4778,
0.4588


284.9725, 0.3968,
0.4004


 17.1588, 0.4935,
0.4673


 53.9962, 0.4508,
0.4413


 10.3478, 0.5143,
0.4778


 73.0247, 0.4398,
0.4334


 5.6301, 0.5252,
0.4748

 96.0686, 0.4301,
0.4263

 2.6215, 0.5358,
0.4642

 123.5123, 0.4217,
0.4199

 0.9375, 0.5546,
0.4454

 155.7401, 0.4143,
0.4142


 0.0000, 1.0000,
0.0000


 193.1365, 0.4077,


 0.0000, 0.0000,


0.4091

0.0000

 236.0858, 0.4020,
0.4045

 26.4476, 0.4778,
0.4588


 26.4476, 0.4778,
0.4588

 26.4443, 0.4778,
0.4588

 27.8825, 0.4670,
0.4593

 29.4233, 0.4537,
0.4558

 31.0875, 0.4377,
0.4475

 32.8836, 0.4198,
0.4352

 34.8188, 0.4008,
0.4198

■ 36.8994, 0.3815,
0.4024

■ 39.1313, 0.3627,
0.3838

■ 41.5200, 0.3447,
0.3651

■ 44.0704, 0.3280,
0.3466

Harmonies

Analogous

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



26.4476, 0.5218, 0.3843



26.4476, 0.4778, 0.4588



26.4476, 0.3946, 0.5207

Triad

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



26.4476, 0.4778, 0.4588



26.4476, 0.1540, 0.3025



26.4476, 0.2972, 0.2020

Complementary

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



26.4476, 0.4778, 0.4588



5.6637, 0.1595, 0.0942

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.



26.4476, 0.2085, 0.1777



26.4476, 0.4778, 0.4588



26.4476, 0.1387, 0.2187

Square

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



26.4476, 0.4778, 0.4588



26.4476, 0.2084, 0.4267



26.4476, 0.1567, 0.1811



26.4476, 0.4096, 0.2500

Rectangle

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



26.4476, 0.4778, 0.4588



26.4476, 0.3298, 0.5316



26.4476, 0.1567, 0.1811



26.4476, 0.2637, 0.1910

Sweetspot

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



26.4489, 0.4778, 0.4588



70.7194, 0.3637, 0.3849



10.1907, 0.5817, 0.2978



15.2379, 0.3715, 0.3927



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



26.4489, 0.4778, 0.4588



47.5293, 0.4790, 0.4579



39.2578, 0.3815, 0.5352



10.0747, 0.3270, 0.3455



18.7903, 0.4770, 0.4595



0.7601, 0.4590, 0.4737

Inverse Universe

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



5.6637, 0.1595, 0.0942



9.9229, 0.1588, 0.0916



3.8195, 0.1614, 0.0663



9.1104, 0.2985, 0.3119



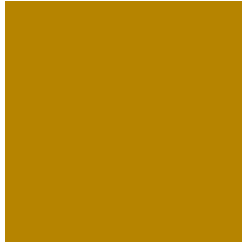
4.0942, 0.1600, 0.0961



0.2514, 0.1749, 0.1496

Previews

White Background



This preview shows how the Yxy color 26.4476, 0.4778, 0.4588 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 26.4476, 0.4778, 0.4588 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 26.4476, 0.4778, 0.4588

Background



This preview shows how black text looks on a background with the Yxy color 26.4476, 0.4778, 0.4588.



This preview shows how white text looks on a background with the Yxy color 26.4476, 0.4778, 0.4588.

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

26.4476, 0.4778, 0.4588

Protanopia

26.4448, 0.4383, 0.4853

Deuteranopia

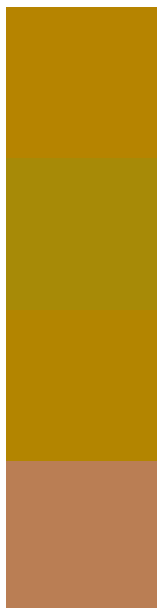
26.5152, 0.4708, 0.4644



Tritanopia

26.5232, 0.3818, 0.3166

Trichromacy



Original Color

26.4476, 0.4778, 0.4588

Protanomaly

26.4078, 0.4520, 0.4763

Deuteranomaly

26.3588, 0.4733, 0.4624

Tritanomaly

26.0009, 0.4363, 0.3871

Monochromacy



Original Color

26.4476, 0.4778, 0.4588

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.6267, 0.3879, 0.4086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4476, 0.4778, 0.4588 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(182, 132, 0)` looks like.

```
.text, #text, p{  
    color:rgb(182, 132, 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(182, 132, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 132, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.4476, 0.4778, 0.4588 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(182, 132, 0) }
```

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

```
.border{ border-color:rgb(182, 132, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 132, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 132, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 132, 0);  
box-shadow:4px 4px 4px 4px rgb(182, 132,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4476, 0.4778, 0.4588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 132, 0) }
```

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

```
.background{ background-color: rgb(182,  
132, 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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