

Converting Colors

$Y_{xy}(26.0661, 0.4800, 0.4480)$

Have a look what the booklet for
Yxy(26.0661, 0.4800, 0.4480)
contains.

Yxy(26.0618, 0.4806, 0.4477)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.0618, 0.4806, 0.4477)

Conversions

Conversions Part 1

Format	Color
Hex	B98113
RGB	185, 129, 19
RGB Percent	73%, 51%, 7%
CMY	0.2745, 0.4941, 0.9253
CMYK	0.00, 0.30, 0.90, 0.27
HSL	40°, 81%, 40%
HSV	40°, 90%, 73%
XYZ	27.9770, 26.0618, 4.1738
YIQ	133.2040, 68.6860, -22.3380

Conversions

Conversions Part 2

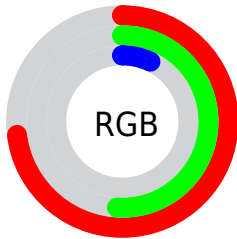
Format	Color
RYB	104, 185, 19
Decimal	12157203
CIELab	58.10, 13.22, 60.32
CIELCh	58, 61.748, 77.634
Yxy	26.0618, 0.4806, 0.4477
Android (android.graphics.Color)	4290347283 (0xFFB98113)
YUV	133.2040, -56.3026, 45.4251
Hunter-Lab	51.0508, 8.4833, 30.8881

Details

The Yxy color **26.0618, 0.4806, 0.4477** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **8.6814, 0.1718, 0.1292**, and the grayscale version is **23.7270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5845, 0.4520, 0.4319**, and **10.2493, 0.5001, 0.4411** is the 20% darker color. If you saturate the color by 10%, you get **24.4222, 0.4940, 0.4457**, and if you desaturate by 10%, it is **27.8484, 0.4645, 0.4453**.

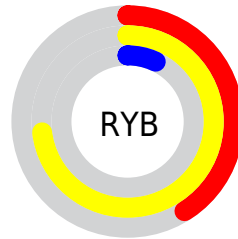
Distribution



Red (73%)

Green (51%)

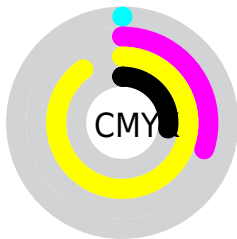
Blue (7%)



Red (41%)

Yellow (73%)

Blue (7%)

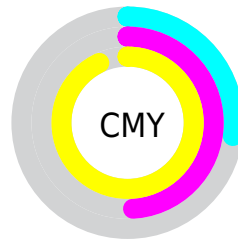


Cyan (0%)

Magenta (30%)

Yellow (90%)

Black (27%)



Cyan (27%)


Magenta (49%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0618, 0.4806, 0.4477 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 26.0618, 0.4806, 0.4477 by changing the saturation by 10% instead.


 26.0618, 0.4806,
0.4477


 26.0618, 0.4806,
0.4477


283.0853, 0.3963,
0.3945


 16.8699, 0.4981,
0.4555


 53.3746, 0.4518,
0.4317

 10.1418, 0.5196,
0.4633


 72.2643, 0.4402,
0.4245

 5.4931, 0.5377,
0.4623

 95.1554, 0.4302,
0.4180

 2.5394, 0.5517,
0.4483

 122.4323, 0.4216,
0.4122

 0.8963, 0.5766,
0.4234

 154.4793, 0.4140,
0.4070


 0.0000, 1.0000,
0.0000


 191.6809, 0.4074,


 0.0000, 0.0000,

0.4024


0.0000

 234.4214, 0.4015,
0.3982


 26.0618, 0.4806,
0.4477


 26.0618, 0.4806,
0.4477


 24.4222, 0.4940,
0.4457

 27.8484, 0.4645,
0.4453

 24.3754, 0.4944,
0.4457

 29.7951, 0.4458,
0.4381

 31.9126, 0.4254,
0.4267

 34.2091, 0.4043,
0.4124

 36.6923, 0.3835,
0.3962

■ 39.3687, 0.3635,
0.3790

■ 42.2448, 0.3449,
0.3617

■ 45.3265, 0.3278,
0.3447

■ 48.6194, 0.3123,
0.3285

Harmonies

Analogous

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



26.0618, 0.5156, 0.3757



26.0618, 0.4806, 0.4477



26.0618, 0.4038, 0.5092

Triad

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



26.0618, 0.4806, 0.4477



26.0618, 0.1635, 0.3168



26.0618, 0.2863, 0.2018

Complementary

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



26.0618, 0.4806, 0.4477



8.6814, 0.1718, 0.1292

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.



26.0618, 0.2042, 0.1811



26.0618, 0.4806, 0.4477



26.0618, 0.1438, 0.2301

Square

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



26.0618, 0.4806, 0.4477



26.0618, 0.2213, 0.4363



26.0618, 0.1576, 0.1883



26.0618, 0.3933, 0.2463

Rectangle

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



26.0618, 0.4806, 0.4477



26.0618, 0.3417, 0.5241



26.0618, 0.1576, 0.1883



26.0618, 0.2551, 0.1920

Sweetspot

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



26.0631, 0.4806, 0.4477



71.6372, 0.3592, 0.3751



11.3202, 0.5265, 0.2761



15.0800, 0.3657, 0.3809



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.



26.0631, 0.4806, 0.4477



43.2035, 0.4959, 0.4445



42.2332, 0.3934, 0.5194



9.9790, 0.3272, 0.3441



16.7350, 0.4932, 0.4466



0.6994, 0.4697, 0.4652

Inverse Universe

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



8.6814, 0.1718, 0.1292



12.1421, 0.1628, 0.1062



4.5046, 0.1650, 0.0741



9.2016, 0.2985, 0.3134



4.8853, 0.1642, 0.1112



0.2896, 0.1795, 0.1661

Previews

White Background



This preview shows how the Yxy color 26.0618, 0.4806, 0.4477 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 26.0618, 0.4806, 0.4477 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 26.0618, 0.4806, 0.4477

Background



This preview shows how black text looks on a background with the Yxy color 26.0618, 0.4806, 0.4477.



This preview shows how white text looks on a background with the Yxy color 26.0618, 0.4806, 0.4477.

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

26.0618, 0.4806, 0.4477

Protanopia

26.0871, 0.4351, 0.4802

Deuteranopia

26.1567, 0.4679, 0.4600



Tritanopia

26.0943, 0.3905, 0.3168

Trichromacy



Original Color

26.0618, 0.4806, 0.4477

Protanomaly

25.9911, 0.4519, 0.4680

Deuteranomaly

26.2432, 0.4722, 0.4561

Tritanomaly

25.7060, 0.4366, 0.3757

Monochromacy



Original Color

26.0618, 0.4806, 0.4477

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.9506, 0.3816, 0.3951

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0618, 0.4806, 0.4477 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(185, 129, 19)` looks like.

```
.text, #text, p{  
    color:rgb(185, 129, 19)  
}
```

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(185, 129, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 129, 19) }
```

Border

The CSS property to change the border of an element to Yxy 26.0618, 0.4806, 0.4477 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(185, 129, 19) }
```

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

```
.border{ border-color:rgb(185, 129, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 129, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 129, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 129, 19);  
box-shadow:4px 4px 4px 4px rgb(185, 129,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0618, 0.4806, 0.4477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 129, 19) }
```

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

```
.background{ background-color: rgb(185,  
129, 19) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor