

Converting Colors

$Y_{xy}(11.2748, 0.5057, 0.4701)$

Have a look what the booklet for
Yxy(11.2748, 0.5057, 0.4701)
contains.

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Color

Yxy(11.4056, 0.4872, 0.4514)

Conversions

Conversions Part 1

Format	Color
Hex	805700
RGB	128, 87, 0
RGB Percent	50%, 34%, 0%
CMY	0.4980, 0.6588, 1.0000
CMYK	0.00, 0.32, 1.00, 0.50
HSL	41°, 100%, 25%
HSV	41°, 100%, 50%
XYZ	12.3102, 11.4056, 1.5514
YIQ	89.3410, 52.3630, -18.3650

Conversions

Conversions Part 2

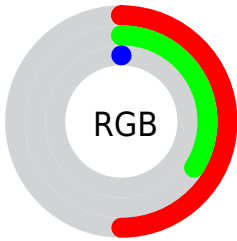
Format	Color
RYB	60, 128, 0
Decimal	8410880
CIELab	40.26, 10.50, 48.51
CIElCh	40, 49.628, 77.791
Yxy	11.4056, 0.4872, 0.4514
Android (android.graphics.Color)	4286600960 (0xFF805700)
YUV	89.3410, -44.0451, 33.9039
Hunter-Lab	33.7722, 5.9630, 20.9169

Details

The Yxy color **11.4056, 0.4872, 0.4514** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3.1441, 0.1639, 0.1099**, and the grayscale version is **10.1612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.5010, 0.4499, 0.4318**, and **3.0724, 0.5070, 0.4356** is the 20% darker color. If you saturate the color by 10%, you get **11.4063, 0.4872, 0.4514**, and if you desaturate by 10%, it is **12.1177, 0.4733, 0.4507**.

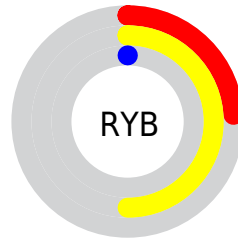
Distribution



Red (50%)

Green (34%)

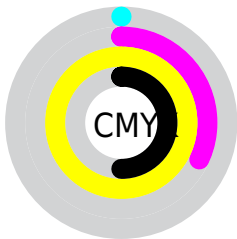
Blue (0%)



Red (24%)

Yellow (50%)

Blue (0%)

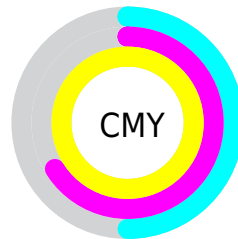


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (50%)



Cyan (50%)


Magenta (66%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4056, 0.4872, 0.4514 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 11.4056, 0.4872, 0.4514 by changing the saturation by 10% instead.


 11.4056, 0.4872,
0.4514


 11.4056, 0.4872,
0.4514


 200.4295, 0.3883,
0.3888


 6.3403, 0.5159,
0.4653


 28.4078, 0.4506,
0.4314


 3.0531, 0.5360,
0.4640

 41.1135, 0.4366,
0.4226


 1.1595, 0.5536,
0.4464

 57.1348, 0.4250,
0.4149

 0.0283, 0.9092,
0.0908

 76.8562, 0.4152,
0.4082


 0.0000, 0.0000,
0.0000


 100.6619, 0.4069,
0.4023


 128.9364, 0.3998,


0.3972


 162.0642, 0.3936,
0.3927


 11.4056, 0.4872,
0.4514


 11.4056, 0.4872,
0.4514


 11.4063, 0.4872,
0.4514

 12.1177, 0.4733,
0.4507

 12.8831, 0.4578,
0.4470

 13.7129, 0.4399,
0.4388

 14.6108, 0.4206,
0.4269

 15.5798, 0.4007,
0.4124

■ 16.6229, 0.3810,
0.3962

■ 17.7426, 0.3620,
0.3791

■ 18.9416, 0.3442,
0.3619

■ 20.2220, 0.3277,
0.3451

Harmonies

Analogous

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



11.4056, 0.5260, 0.3760



11.4056, 0.4872, 0.4514



11.4056, 0.4058, 0.5182

Triad

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



11.4056, 0.4872, 0.4514



11.4056, 0.1560, 0.3145



11.4056, 0.2850, 0.1963

Complementary

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



11.4056, 0.4872, 0.4514



3.1441, 0.1639, 0.1099

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.



11.4056, 0.1993, 0.1748



11.4056, 0.4872, 0.4514



11.4056, 0.1366, 0.2240

Square

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



11.4056, 0.4872, 0.4514



11.4056, 0.2154, 0.4427



11.4056, 0.1511, 0.1816



11.4056, 0.3982, 0.2425

Rectangle

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



11.4056, 0.4872, 0.4514



11.4056, 0.3408, 0.5359



11.4056, 0.1511, 0.1816



11.4056, 0.2523, 0.1862

Sweetspot

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



11.4063, 0.4872, 0.4514



31.0981, 0.3633, 0.3803



4.7612, 0.5563, 0.2838



7.1143, 0.3699, 0.3864



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



11.4063, 0.4872, 0.4514



19.8153, 0.4891, 0.4499



18.5436, 0.3911, 0.5277



4.7944, 0.3263, 0.3436



11.3127, 0.4871, 0.4514



0.0000, 0.0000, 0.0000

Inverse Universe

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



3.1441, 0.1639, 0.1099



5.2981, 0.1628, 0.1060



1.7216, 0.1592, 0.0650



4.4192, 0.2993, 0.3140



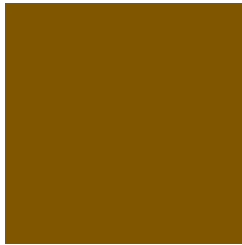
3.1199, 0.1639, 0.1099



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 11.4056, 0.4872, 0.4514 looks on a white background.

Color Contrast Check

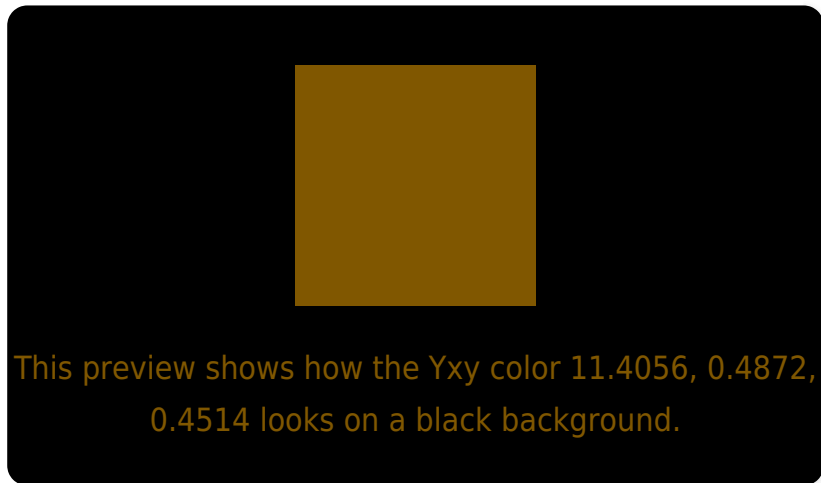
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Yxy 11.4056, 0.4872, 0.4514

Background



This preview shows how black text looks on a background with the Yxy color 11.4056, 0.4872, 0.4514.



This preview shows how white text looks on a background with the Yxy color 11.4056, 0.4872, 0.4514.

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

11.4056, 0.4872, 0.4514

Protanopia

11.5714, 0.4357, 0.4842

Deuteranopia

11.3773, 0.4710, 0.4643



Tritanopia

11.4785, 0.3923, 0.3176

Trichromacy



Original Color

11.4056, 0.4872, 0.4514

Protanomaly

11.4845, 0.4536, 0.4731

Deuteranomaly

11.4298, 0.4774, 0.4591

Tritanomaly

11.2876, 0.4451, 0.3822

Monochromacy



Original Color

11.4056, 0.4872, 0.4514

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.1584, 0.3883, 0.4016

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4056, 0.4872, 0.4514 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(128, 87, 0)` looks like.

```
.text, #text, p{  
    color:rgb(128, 87, 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(128, 87, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 87, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.4056, 0.4872, 0.4514 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(128, 87, 0) }
```

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

```
.border{ border-color:rgb(128, 87, 0) }
```

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

Here you see how a box with a 4 pixel rgb(128, 87, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 87, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 87, 0);  
box-shadow:4px 4px 4px 4px rgb(128, 87, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.4056, 0.4872, 0.4514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 87, 0) }
```

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

```
.background{ background-color: rgb(128, 87,  
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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