

Converting Colors

$Y_{xy}(17.1534, 0.4845, 0.4535)$

Have a look what the booklet for
Yxy(17.1534, 0.4845, 0.4535)
contains.

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Color

Yxy(17.0804, 0.4851, 0.4530)

Conversions

Conversions Part 1

Format	Color
Hex	996A00
RGB	153, 106, 0
RGB Percent	60%, 42%, 0%
CMY	0.4000, 0.5843, 0.9998
CMYK	0.00, 0.31, 1.00, 0.40
HSL	42°, 100%, 30%
HSV	42°, 100%, 60%
XYZ	18.2907, 17.0804, 2.3339
YIQ	107.9690, 62.0380, -23.0020

Conversions

Conversions Part 2

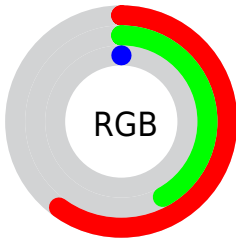
Format	Color
R_{YB}	68, 153, 0
Decimal	10054144
CIE _{Lab}	48.36, 11.25, 55.41
CIE _{LCh}	48, 56.541, 78.523
Yxy	17.0804, 0.4851, 0.4530
Android (android.graphics.Color)	4288244224 (0xFF996A00)
YUV	107.9690, -53.2287, 39.4922
Hunter-Lab	41.3284, 6.6740, 25.5816

Details

The Yxy color **17.0804, 0.4851, 0.4530** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.3361, 0.1622, 0.1039**, and the grayscale version is **15.1282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4588, 0.4533, 0.4350**, and **5.6693, 0.5028, 0.4390** is the 20% darker color. If you saturate the color by 10%, you get **17.0783, 0.4851, 0.4530**, and if you desaturate by 10%, it is **18.1123, 0.4725, 0.4533**.

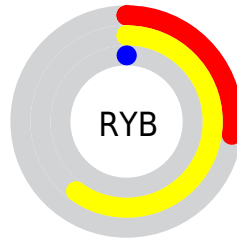
Distribution



Red (60%)

Green (42%)

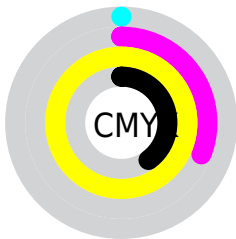
Blue (0%)



Red (27%)

Yellow (60%)

Blue (0%)

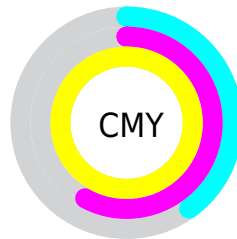


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (40%)



Cyan (40%)


Magenta (58%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0804, 0.4851, 0.4530 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 17.0804, 0.4851, 0.4530 by changing the saturation by 10% instead.


 17.0804, 0.4851,
0.4530


 17.0804, 0.4851,
0.4530


235.6353, 0.3935,
0.3937


 10.2918, 0.5049,
0.4615


 38.4640, 0.4529,
0.4348


 5.5929, 0.5301,
0.4699

 53.8277, 0.4401,
0.4267


 2.5991, 0.5421,
0.4579

 72.8187, 0.4293,
0.4194

 0.9262, 0.5633,
0.4367

 95.8213, 0.4200,
0.4129


 0.0000, 1.0000,
0.0000

 123.2198, 0.4119,
0.4072


 0.0000, 0.0000,
0.0000


 155.3987, 0.4050,


0.4022


 192.7424, 0.3989,
0.3977


 17.0804, 0.4851,
0.4530


 17.0804, 0.4851,
0.4530


 17.0783, 0.4851,
0.4530

 18.1123, 0.4725,
0.4533

 19.2234, 0.4577,
0.4499

 20.4275, 0.4403,
0.4418

 21.7301, 0.4213,
0.4299

 23.1361, 0.4015,
0.4151

■ 24.6499, 0.3817,
0.3984

■ 26.2755, 0.3626,
0.3808

■ 28.0166, 0.3446,
0.3630

■ 29.8768, 0.3279,
0.3456

Harmonies

Analogous

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



17.0804, 0.5250, 0.3778



17.0804, 0.4851, 0.4530



17.0804, 0.4033, 0.5187

Triad

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



17.0804, 0.4851, 0.4530



17.0804, 0.1556, 0.3118



17.0804, 0.2877, 0.1976

Complementary

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



17.0804, 0.4851, 0.4530



4.3361, 0.1622, 0.1039

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.



17.0804, 0.2013, 0.1755



17.0804, 0.4851, 0.4530



17.0804, 0.1371, 0.2228

Square

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



17.0804, 0.4851, 0.4530



17.0804, 0.2139, 0.4391



17.0804, 0.1524, 0.1815



17.0804, 0.4007, 0.2441

Rectangle

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



17.0804, 0.4851, 0.4530



17.0804, 0.3384, 0.5350



17.0804, 0.1524, 0.1815



17.0804, 0.2548, 0.1873

Sweetspot

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



17.0813, 0.4851, 0.4530



46.8714, 0.3638, 0.3819



6.9904, 0.5665, 0.2895



10.0979, 0.3710, 0.3888



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



17.0813, 0.4851, 0.4530



30.2457, 0.4867, 0.4518



27.1382, 0.3877, 0.5303



6.9024, 0.3267, 0.3444



14.1763, 0.4845, 0.4535



0.2754, 0.4505, 0.4805

Inverse Universe

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



4.3361, 0.1622, 0.1039



7.4679, 0.1613, 0.1006



2.5489, 0.1595, 0.0652



6.3205, 0.2988, 0.3132



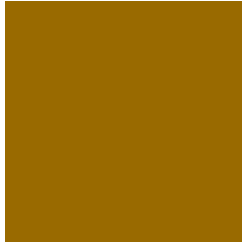
3.6351, 0.1626, 0.1052



0.1135, 0.1846, 0.1844

Previews

White Background



This preview shows how the Yxy color 17.0804, 0.4851, 0.4530 looks on a white background.

Color Contrast Check

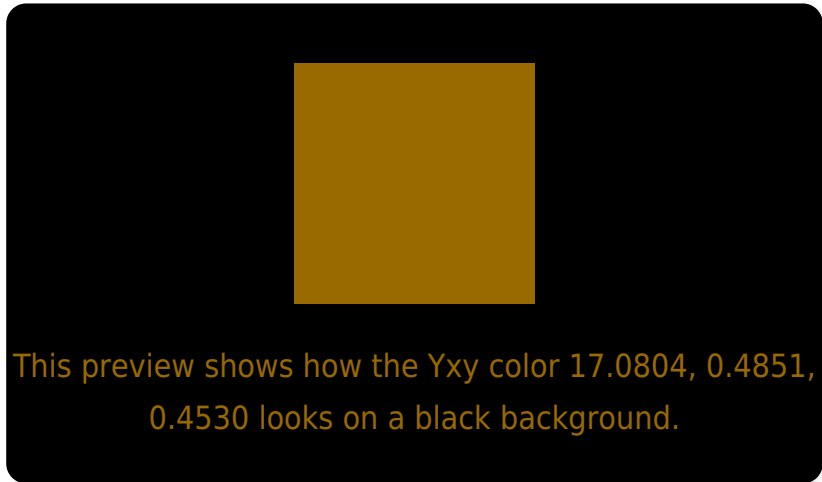
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0804, 0.4851, 0.4530

Background



This preview shows how black text looks on a background with the Yxy color 17.0804, 0.4851, 0.4530.



This preview shows how white text looks on a background with the Yxy color 17.0804, 0.4851, 0.4530.

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

17.0804, 0.4851, 0.4530

Protanopia

17.2585, 0.4360, 0.4853

Deuteranopia

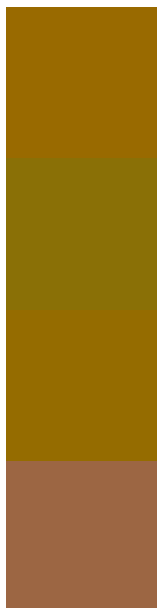
17.0483, 0.4714, 0.4639



Tritanopia

17.2334, 0.3902, 0.3177

Trichromacy



Original Color

17.0804, 0.4851, 0.4530

Protanomaly

17.0048, 0.4542, 0.4736

Deuteranomaly

17.1147, 0.4768, 0.4596

Tritanomaly

16.9759, 0.4425, 0.3857

Monochromacy



Original Color

17.0804, 0.4851, 0.4530

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

15.2301, 0.3887, 0.4043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0804, 0.4851, 0.4530 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(153, 106, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 106, 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(153, 106, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 106, 0) }
```

Border

The CSS property to change the border of an element to Yxy 17.0804, 0.4851, 0.4530 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(153, 106, 0) }
```

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

```
.border{ border-color:rgb(153, 106, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 106, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 106, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 106, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 106,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0804, 0.4851, 0.4530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 106, 0) }
```

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

```
.background{ background-color: rgb(153,  
106, 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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