

Converting Colors

$Yxy(16.0926, 0.4876, 0.4474)$

Have a look what the booklet for
Yxy(16.0926, 0.4876, 0.4474)
contains.

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Color

Yxy(16.0930, 0.4878, 0.4475)

Conversions

Conversions Part 1

Format	Color
Hex	976605
RGB	151, 102, 5
RGB Percent	59%, 40%, 2%
CMY	0.4078, 0.6000, 0.9802
CMYK	0.00, 0.32, 0.97, 0.41
HSL	40°, 94%, 31%
HSV	40°, 97%, 59%
XYZ	17.5423, 16.0930, 2.3267
YIQ	105.5930, 60.3410, -19.7790

Conversions

Conversions Part 2

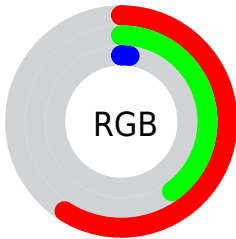
Format	Color
R_{YB}	79, 151, 5
Decimal	9922053
CIE _{Lab}	47.10, 12.71, 53.29
CIE _{LCh}	47, 54.782, 76.584
Yxy	16.0930, 0.4878, 0.4475
Android (android.graphics.Color)	4288112133 (0xFF976605)
YUV	105.5930, -49.5923, 39.8219
Hunter-Lab	40.1161, 7.8527, 24.6424

Details

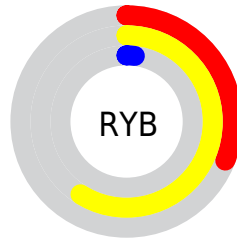
The Yxy color **16.0930, 0.4878, 0.4475** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.9112, 0.1670, 0.1177**, and the grayscale version is **14.4239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.8543, 0.4540, 0.4302**, and **5.1653, 0.5102, 0.4331** is the 20% darker color. If you saturate the color by 10%, you get **15.7524, 0.4925, 0.4472**, and if you desaturate by 10%, it is **17.1611, 0.4735, 0.4476**.

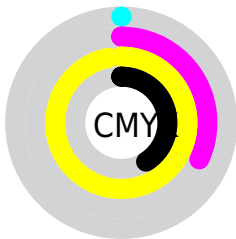
Distribution



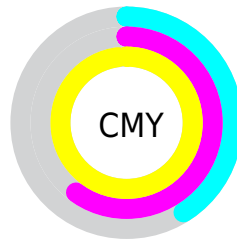
- Red (59%)
- Green (40%)
- Blue (2%)



- Red (31%)
- Yellow (59%)
- Blue (2%)



- Cyan (0%)
- Magenta (32%)
- Yellow (97%)
- Black (41%)





- Cyan (41%)
- Magenta (60%)
- Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 16.0930, 0.4878, 0.4475 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 16.0930, 0.4878, 0.4475 by changing the saturation by 10% instead.


 16.0930, 0.4878,
0.4475


 16.0930, 0.4878,
0.4475


 229.8899, 0.3931,
0.3906


 9.5900, 0.5091,
0.4555


 36.7596, 0.4539,
0.4301


 5.1280, 0.5369,
0.4631

 51.6919, 0.4407,
0.4223


 2.3225, 0.5511,
0.4489

 70.2029, 0.4295,
0.4152

 0.7856, 0.5780,
0.4220

 92.6768, 0.4200,
0.4091

 0.0000, 1.0000,
0.0000


 119.4980, 0.4118,
0.4036


 0.0000, 0.0000,
0.0000

 151.0510, 0.4047,


0.3987


 187.7202, 0.3986,
0.3944


 16.0930, 0.4878,
0.4475


 16.0930, 0.4878,
0.4475


 15.7524, 0.4925,
0.4472

 17.1611, 0.4735,
0.4476

 18.3223, 0.4566,
0.4431

 19.5852, 0.4374,
0.4341

 20.9552, 0.4170,
0.4216

 22.4371, 0.3963,
0.4066

■ 24.0354, 0.3761,
0.3901

■ 25.7539, 0.3569,
0.3731

■ 27.5965, 0.3390,
0.3561

■ 29.5666, 0.3227,
0.3395

Harmonies

Analogous

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



16.0930, 0.5232, 0.3731



16.0930, 0.4878, 0.4475



16.0930, 0.4088, 0.5137

Triad

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



16.0930, 0.4878, 0.4475



16.0930, 0.1596, 0.3196



16.0930, 0.2814, 0.1966

Complementary

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



16.0930, 0.4878, 0.4475



4.9112, 0.1670, 0.1177

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.



16.0930, 0.1981, 0.1763



16.0930, 0.4878, 0.4475



16.0930, 0.1387, 0.2282

Square

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



16.0930, 0.4878, 0.4475



16.0930, 0.2202, 0.4456



16.0930, 0.1518, 0.1844



16.0930, 0.3925, 0.2414

Rectangle

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



16.0930, 0.4878, 0.4475



16.0930, 0.3449, 0.5326



16.0930, 0.1518, 0.1844



16.0930, 0.2496, 0.1869

Sweetspot

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



16.0938, 0.4878, 0.4475



45.1944, 0.3624, 0.3781



6.9765, 0.5435, 0.2801



9.9962, 0.3699, 0.3848



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.



16.0938, 0.4878, 0.4475



27.8607, 0.4943, 0.4457



26.8219, 0.3935, 0.5234



6.8733, 0.3268, 0.3437



13.4538, 0.4919, 0.4476



0.2675, 0.4540, 0.4777

Inverse Universe

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



4.9112, 0.1670, 0.1177



7.8894, 0.1633, 0.1078



2.5766, 0.1598, 0.0676



6.3484, 0.2988, 0.3138



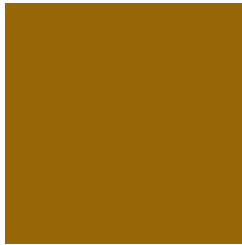
3.9411, 0.1646, 0.1124



0.1214, 0.1870, 0.1931

Previews

White Background



This preview shows how the Yxy color 16.0930, 0.4878, 0.4475 looks on a white background.

Color Contrast Check

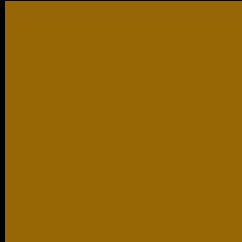
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 16.0930, 0.4878, 0.4475 looks on a 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 16.0930, 0.4878, 0.4475

Background



This preview shows how black text looks on a background with the Yxy color 16.0930, 0.4878, 0.4475.



This preview shows how white text looks on a background with the Yxy color 16.0930, 0.4878, 0.4475.

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

16.0930, 0.4878, 0.4475

Protanopia

16.1245, 0.4375, 0.4829

Deuteranopia

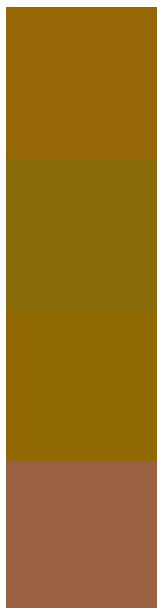
16.0589, 0.4713, 0.4640



Tritanopia

16.1123, 0.3943, 0.3175

Trichromacy



Original Color

16.0930, 0.4878, 0.4475

Protanomaly

15.9791, 0.4569, 0.4691

Deuteranomaly

16.1273, 0.4762, 0.4587

Tritanomaly

16.0106, 0.4440, 0.3800

Monochromacy



Original Color

16.0930, 0.4878, 0.4475

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.6704, 0.3873, 0.4015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.0930, 0.4878, 0.4475 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(151, 102, 5)` looks like.

```
.text, #text, p{  
    color:rgb(151, 102, 5)  
}
```

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(151, 102, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 102, 5) }
```

Border

The CSS property to change the border of an element to Yxy 16.0930, 0.4878, 0.4475 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(151, 102, 5) }
```

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

```
.border{ border-color:rgb(151, 102, 5) }
```

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

Here you see how a box with a 4 pixel rgb(151, 102, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 102, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 102, 5);  
box-shadow:4px 4px 4px 4px rgb(151, 102,  
5) }
```


Background

The CSS property to change the background color of an element to Yxy 16.0930, 0.4878, 0.4475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 102, 5) }
```

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

```
.background{ background-color: rgb(151,  
102, 5) }
```

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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