

Converting Colors

$Y_{xy}(14.6858, 0.4719, 0.4635)$

Have a look what the booklet for
Yxy(14.6858, 0.4719, 0.4635)
contains.

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Color

Yxy(14.6257, 0.4733, 0.4624)

Conversions

Conversions Part 1

Format	Color
Hex	896500
RGB	137, 101, 0
RGB Percent	54%, 40%, 0%
CMY	0.4627, 0.6039, 1.0000
CMYK	0.00, 0.26, 1.00, 0.46
HSL	44°, 100%, 27%
HSV	44°, 100%, 54%
XYZ	14.9705, 14.6257, 2.0338
YIQ	100.2500, 53.8770, -23.7790

Conversions

Conversions Part 2

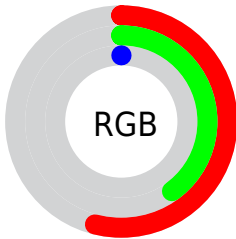
Format	Color
RYB	49, 137, 0
Decimal	9004288
CIELab	45.12, 6.59, 52.31
CIELCh	45, 52.722, 82.822
Yxy	14.6257, 0.4733, 0.4624
Android (android.graphics.Color)	4287194368 (0xFF896500)
YUV	100.2500, -49.4232, 32.2298
Hunter-Lab	38.2436, 2.9477, 23.6174

Details

The Yxy color **14.6257, 0.4733, 0.4624** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3.0679, 0.1598, 0.0953**, and the grayscale version is **12.9302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3955, 0.4421, 0.4398**, and **4.5262, 0.4851, 0.4531** is the 20% darker color. If you saturate the color by 10%, you get **14.6264, 0.4733, 0.4624**, and if you desaturate by 10%, it is **15.3718, 0.4621, 0.4611**.

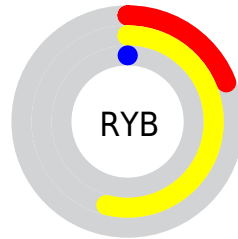
Distribution



Red (54%)

Green (40%)

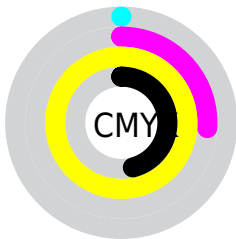
Blue (0%)



Red (19%)

Yellow (54%)

Blue (0%)

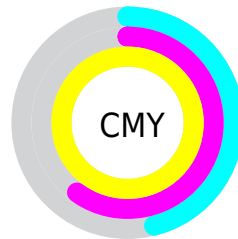


Cyan (0%)

Magenta (26%)

Yellow (100%)

Black (46%)



Cyan (46%)


Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6257, 0.4733, 0.4624 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 14.6257, 0.4733, 0.4624 by changing the saturation by 10% instead.


 14.6257, 0.4733,
0.4624


 14.6257, 0.4733,
0.4624


 221.0894, 0.3864,
0.3944


 8.5571, 0.4931,
0.4749


 34.1952, 0.4424,
0.4401


 4.4535, 0.5147,
0.4853

 48.4649, 0.4302,
0.4306


 1.9303, 0.5232,
0.4768

 66.2371, 0.4199,
0.4224

 0.5665, 0.5524,
0.4476


 87.8962, 0.4111,
0.4152

 0.0000, 0.0000,
0.0000


 113.8266, 0.4036,
0.4089


 144.4126, 0.3971,


0.4035


 180.0388, 0.3914,
0.3987


 14.6257, 0.4733,
0.4624


 14.6257, 0.4733,
0.4624


 14.6264, 0.4733,
0.4624

 15.3718, 0.4621,
0.4611

 16.1674, 0.4491,
0.4565

 17.0241, 0.4335,
0.4475

 17.9459, 0.4162,
0.4348

 18.9362, 0.3979,
0.4193

■ 19.9982, 0.3794,
0.4018

■ 21.1347, 0.3612,
0.3834

■ 22.3483, 0.3439,
0.3648

■ 23.6415, 0.3277,
0.3466

Harmonies

Analogous

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



14.6257, 0.5198, 0.3883



14.6257, 0.4733, 0.4624



14.6257, 0.3892, 0.5219

Triad

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



14.6257, 0.4733, 0.4624



14.6257, 0.1530, 0.2968



14.6257, 0.3032, 0.2046

Complementary

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



14.6257, 0.4733, 0.4624



3.0679, 0.1598, 0.0953

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.



14.6257, 0.2129, 0.1790



14.6257, 0.4733, 0.4624



14.6257, 0.1396, 0.2162

Square

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



14.6257, 0.4733, 0.4624



14.6257, 0.2050, 0.4190



14.6257, 0.1593, 0.1809



14.6257, 0.4151, 0.2536

Rectangle

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



14.6257, 0.4733, 0.4624



14.6257, 0.3245, 0.5293



14.6257, 0.1593, 0.1809



14.6257, 0.2693, 0.1932

Sweetspot

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



14.6264, 0.4733, 0.4624



37.7084, 0.3624, 0.3847



5.4492, 0.5818, 0.2978



8.2891, 0.3690, 0.3914



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



14.6264, 0.4733, 0.4624



25.9176, 0.4747, 0.4613



20.8972, 0.3796, 0.5368



5.6263, 0.3264, 0.3450



13.6441, 0.4731, 0.4626



0.1145, 0.4439, 0.4858

Inverse Universe

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



3.0679, 0.1598, 0.0953



5.2598, 0.1589, 0.0918



2.1127, 0.1647, 0.0681



5.0922, 0.2991, 0.3124



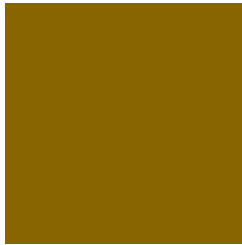
2.8752, 0.1599, 0.0958



0.0403, 0.1810, 0.1715

Previews

White Background



This preview shows how the Yxy color 14.6257, 0.4733, 0.4624 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 14.6257, 0.4733, 0.4624 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 14.6257, 0.4733, 0.4624

Background



This preview shows how black text looks on a background with the Yxy color 14.6257, 0.4733, 0.4624.



This preview shows how white text looks on a background with the Yxy color 14.6257, 0.4733, 0.4624.

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

14.6257, 0.4733, 0.4624

Protanopia

14.5979, 0.4376, 0.4844

Deuteranopia

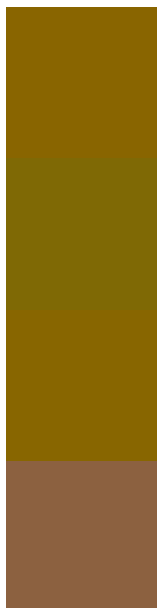
14.7370, 0.4702, 0.4649



Tritanopia

14.6958, 0.3771, 0.3165

Trichromacy



Original Color

14.6257, 0.4733, 0.4624

Protanomaly

14.6261, 0.4506, 0.4765

Deuteranomaly

14.7370, 0.4702, 0.4649

Tritanomaly

14.4950, 0.4292, 0.3885

Monochromacy



Original Color

14.6257, 0.4733, 0.4624

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.9952, 0.3842, 0.4061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6257, 0.4733, 0.4624 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(137, 101, 0)` looks like.

```
.text, #text, p{  
    color:rgb(137, 101, 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(137, 101, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 101, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.6257, 0.4733, 0.4624 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(137, 101, 0) }
```

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

```
.border{ border-color:rgb(137, 101, 0) }
```

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

Here you see how a box with a 4 pixel rgb(137, 101, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 101, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 101, 0);  
box-shadow:4px 4px 4px 4px rgb(137, 101,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6257, 0.4733, 0.4624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 101, 0) }
```

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

```
.background{ background-color: rgb(137,  
101, 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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