

Converting Colors

$Y_{xy}(15.0322, 0.5037, 0.4766)$

Have a look what the booklet for
Yxy(15.0322, 0.5037, 0.4766)
contains.

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Color

Yxy(15.0436, 0.4843, 0.4537)

Conversions

Conversions Part 1

Format	Color
Hex	906400
RGB	144, 100, 0
RGB Percent	56%, 39%, 0%
CMY	0.4353, 0.6078, 1.0000
CMYK	0.00, 0.31, 1.00, 0.44
HSL	42°, 100%, 28%
HSV	42°, 100%, 56%
XYZ	16.0582, 15.0436, 2.0558
YIQ	101.7560, 58.3240, -21.7720

Conversions

Conversions Part 2

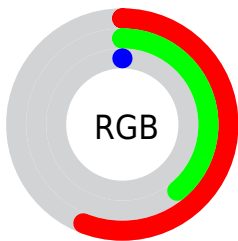
Format	Color
R_{YB}	63, 144, 0
Decimal	9462784
CIE _{Lab}	45.69, 10.49, 53.11
CIE _{LCh}	46, 54.139, 78.828
Yxy	15.0436, 0.4843, 0.4537
Android (android.graphics.Color)	4287652864 (0xFF906400)
YUV	101.7560, -50.1657, 37.0480
Hunter-Lab	38.7861, 6.0270, 24.0077

Details

The Yxy color **15.0436, 0.4843, 0.4537** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3.8143, 0.1623, 0.1043**, and the grayscale version is **13.3426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0267, 0.4502, 0.4348**, and **4.7130, 0.5001, 0.4411** is the 20% darker color. If you saturate the color by 10%, you get **15.0445, 0.4843, 0.4537**, and if you desaturate by 10%, it is **15.9442, 0.4715, 0.4536**.

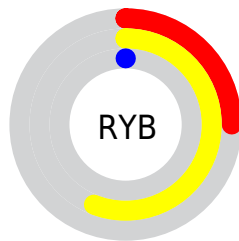
Distribution



Red (56%)

Green (39%)

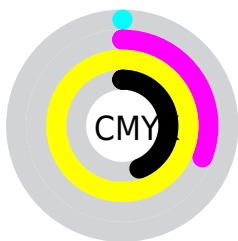
Blue (0%)



Red (25%)

Yellow (56%)

Blue (0%)

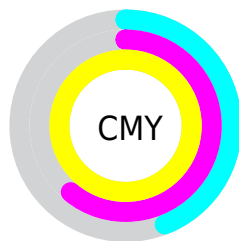


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (44%)



Cyan (44%)


Magenta (61%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.0436, 0.4843, 0.4537 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 15.0436, 0.4843, 0.4537 by changing the saturation by 10% instead.

 15.0436, 0.4843,
0.4537


 15.0436, 0.4843,
0.4537


223.6300, 0.3913,
0.3925

 8.8500, 0.5057,
0.4635


 34.9296, 0.4511,
0.4346


 4.6435, 0.5298,
0.4702

 49.3909, 0.4381,
0.4261


 2.0396, 0.5427,
0.4573

 67.3768, 0.4271,
0.4186

 0.6303, 0.5757,
0.4243

 89.2717, 0.4177,
0.4119


 0.0000, 0.0000,
0.0000


 115.4601, 0.4096,
0.4061

 146.3264, 0.4027,

0.4010


 182.2548, 0.3966,
0.3965


 15.0436, 0.4843,
0.4537


 15.0436, 0.4843,
0.4537


 15.0445, 0.4843,
0.4537

 15.9442, 0.4715,
0.4536

 16.9123, 0.4567,
0.4499

 17.9606, 0.4395,
0.4417

 19.0939, 0.4206,
0.4297

 20.3163, 0.4009,
0.4149

■ 21.6317, 0.3813,
0.3983

■ 23.0435, 0.3623,
0.3807

■ 24.5549, 0.3444,
0.3630

■ 26.1689, 0.3279,
0.3456

Harmonies

Analogous

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



15.0436, 0.5247, 0.3785



15.0436, 0.4843, 0.4537



15.0436, 0.4023, 0.5190

Triad

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



15.0436, 0.4843, 0.4537



15.0436, 0.1554, 0.3107



15.0436, 0.2887, 0.1981

Complementary

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



15.0436, 0.4843, 0.4537



3.8143, 0.1623, 0.1043

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.



15.0436, 0.2021, 0.1757



15.0436, 0.4843, 0.4537



15.0436, 0.1372, 0.2223

Square

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



15.0436, 0.4843, 0.4537



15.0436, 0.2132, 0.4377



15.0436, 0.1528, 0.1814



15.0436, 0.4018, 0.2448

Rectangle

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



15.0436, 0.4843, 0.4537



15.0436, 0.3374, 0.5347



15.0436, 0.1528, 0.1814



15.0436, 0.2558, 0.1877

Sweetspot

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



15.0445, 0.4843, 0.4537



40.4869, 0.3635, 0.3818



6.1232, 0.5653, 0.2888



9.0651, 0.3705, 0.3885



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



15.0445, 0.4843, 0.4537



26.2325, 0.4859, 0.4524



23.7691, 0.3879, 0.5302



6.0111, 0.3265, 0.3442



13.1441, 0.4838, 0.4540



0.1647, 0.4488, 0.4818

Inverse Universe

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



3.8143, 0.1623, 0.1043



6.4649, 0.1614, 0.1009



2.2384, 0.1598, 0.0654



5.5070, 0.2990, 0.3133



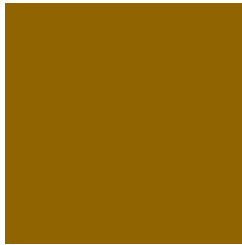
3.3594, 0.1626, 0.1053



0.0675, 0.1849, 0.1855

Previews

White Background



This preview shows how the Yxy color 15.0436, 0.4843, 0.4537 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 15.0436, 0.4843, 0.4537 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 15.0436, 0.4843, 0.4537

Background



This preview shows how black text looks on a background with the Yxy color 15.0436, 0.4843, 0.4537.



This preview shows how white text looks on a background with the Yxy color 15.0436, 0.4843, 0.4537.

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

15.0436, 0.4843, 0.4537

Protanopia

15.1680, 0.4370, 0.4843

Deuteranopia

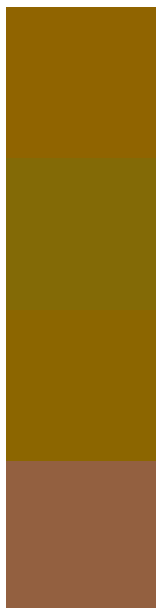
15.0189, 0.4698, 0.4652



Tritanopia

15.0447, 0.3883, 0.3170

Trichromacy



Original Color

15.0436, 0.4843, 0.4537

Protanomaly

15.1465, 0.4543, 0.4730

Deuteranomaly

15.0782, 0.4755, 0.4606

Tritanomaly

14.9390, 0.4405, 0.3839

Monochromacy



Original Color

15.0436, 0.4843, 0.4537

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.4709, 0.3883, 0.4041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0436, 0.4843, 0.4537 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(144, 100, 0)` looks like.

```
.text, #text, p{  
    color:rgb(144, 100, 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(144, 100, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 100, 0) }
```

Border

The CSS property to change the border of an element to Yxy 15.0436, 0.4843, 0.4537 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(144, 100, 0) }
```

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

```
.border{ border-color:rgb(144, 100, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 100, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 100, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 100, 0);  
box-shadow:4px 4px 4px 4px rgb(144, 100,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0436, 0.4843, 0.4537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 100, 0) }
```

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

```
.background{ background-color: rgb(144,  
100, 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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