

Converting Colors

$Yxy(19.5546, 0.5146, 0.4466)$

Have a look what the booklet for
Yxy(19.5546, 0.5146, 0.4466)
contains.

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Color

Yxy(19.7238, 0.5054, 0.4369)

Conversions

Conversions Part 1

Format	Color
Hex	AE6C00
RGB	174, 108, 0
RGB Percent	68%, 42%, 0%
CMY	0.3177, 0.5764, 0.9999
CMYK	0.00, 0.38, 1.00, 0.32
HSL	37°, 100%, 34%
HSV	37°, 100%, 68%
XYZ	22.8162, 19.7238, 2.6049
YIQ	115.4220, 74.0040, -19.5960

Conversions

Conversions Part 2

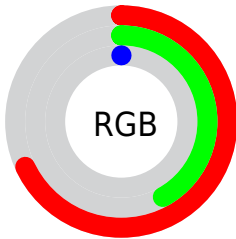
Format	Color
R_{YB}	106, 174, 0
Decimal	11430912
CIE Lab	51.52, 19.70, 58.79
CIE LCh	52, 62.003, 71.478
Yxy	19.7238, 0.5054, 0.4369
Android (android.graphics.Color)	4289620992 (0xFFAE6C00)
YUV	115.4220, -56.9030, 51.3729
Hunter-Lab	44.4115, 13.9836, 27.6105

Details

The Yxy color **19.7238, 0.5054, 0.4369** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.9514, 0.1670, 0.1211**, and the grayscale version is **17.4406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1739, 0.4701, 0.4249**, and **6.9447, 0.5300, 0.4174** is the 20% darker color. If you saturate the color by 10%, you get **19.7234, 0.5054, 0.4369**, and if you desaturate by 10%, it is **21.2117, 0.4900, 0.4396**.

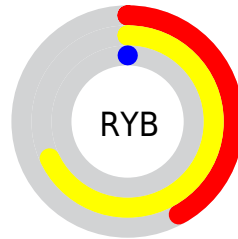
Distribution



Red (68%)

Green (42%)

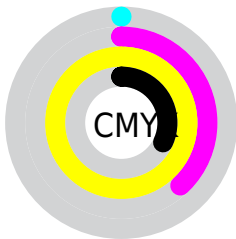
Blue (0%)



Red (42%)

Yellow (68%)

Blue (0%)

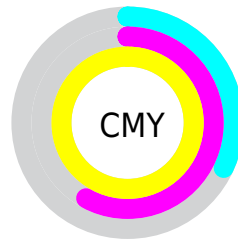


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (32%)



Cyan (32%)


Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.7238, 0.5054, 0.4369 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 19.7238, 0.5054, 0.4369 by changing the saturation by 10% instead.


 19.7238, 0.5054,
0.4369


 19.7238, 0.5054,
0.4369


250.4159, 0.4046,
0.3907


 12.1944, 0.5269,
0.4408


 42.9536, 0.4702,
0.4246


 6.8762, 0.5559,
0.4441


 59.4229, 0.4563,
0.4184

 3.3848, 0.5730,
0.4270

 79.6409, 0.4443,
0.4126

 1.3358, 0.6011,
0.3989

 103.9920, 0.4341,
0.4073

 0.1687, 0.7917,
0.2083

 132.8607, 0.4252,
0.4025

 0.0000, 0.0000,
0.0000

 166.6313, 0.4174,


0.3982


 205.6883, 0.4106,
0.3943


 19.7238, 0.5054,
0.4369


 19.7238, 0.5054,
0.4369

 19.7234, 0.5054,
0.4369

 21.2117, 0.4900,
0.4396

 22.8429, 0.4721,
0.4381

 24.6350, 0.4515,
0.4316

 26.5968, 0.4295,
0.4211

 28.7362, 0.4071,
0.4077

■ 31.0600, 0.3853,
0.3924

■ 33.5748, 0.3647,
0.3763

■ 36.2865, 0.3456,
0.3600

■ 39.2009, 0.3283,
0.3441

Harmonies

Analogous

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



19.7238, 0.5336, 0.3601



19.7238, 0.5054, 0.4369



19.7238, 0.4272, 0.5119

Triad

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



19.7238, 0.5054, 0.4369



19.7238, 0.1599, 0.3397



19.7238, 0.2618, 0.1854

Complementary

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



19.7238, 0.5054, 0.4369



6.9514, 0.1670, 0.1211

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.



19.7238, 0.1820, 0.1691



19.7238, 0.5054, 0.4369



19.7238, 0.1324, 0.2348

Square

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



19.7238, 0.5054, 0.4369



19.7238, 0.2292, 0.4745



19.7238, 0.1405, 0.1824



19.7238, 0.3759, 0.2277

Rectangle

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



19.7238, 0.5054, 0.4369



19.7238, 0.3618, 0.5422



19.7238, 0.1405, 0.1824



19.7238, 0.2307, 0.1769

Sweetspot

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



19.7248, 0.5054, 0.4369



60.6550, 0.3658, 0.3771



9.3994, 0.5435, 0.2768



13.0543, 0.3742, 0.3839



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



19.7248, 0.5054, 0.4369



35.3376, 0.5073, 0.4354



37.1071, 0.3990, 0.5214



8.8121, 0.3272, 0.3431



14.4248, 0.5042, 0.4379



0.5023, 0.4725, 0.4630

Inverse Universe

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



6.9514, 0.1670, 0.1211



12.2098, 0.1661, 0.1180



3.2079, 0.1544, 0.0624



8.2364, 0.2986, 0.3145



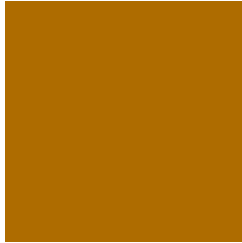
5.1484, 0.1675, 0.1231



0.2506, 0.1852, 0.1867

Previews

White Background



This preview shows how the Yxy color 19.7238, 0.5054, 0.4369 looks on a white background.

Color Contrast Check

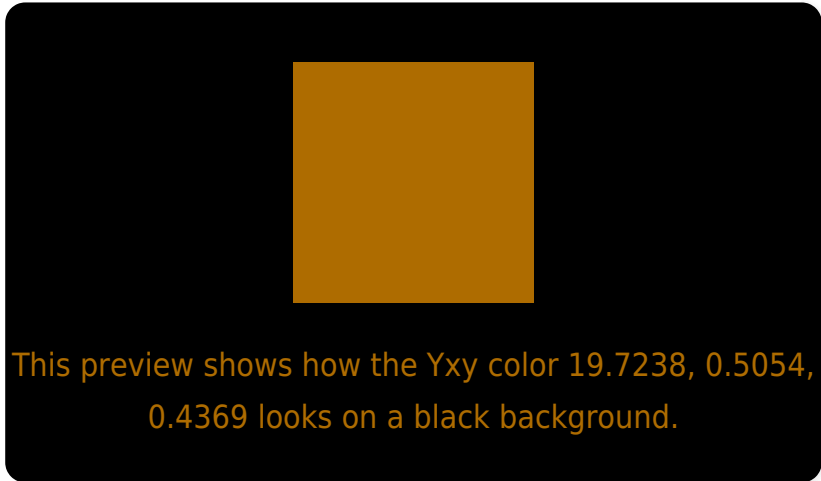
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Yxy 19.7238, 0.5054, 0.4369

Background



This preview shows how black text looks on a background with the Yxy color 19.7238, 0.5054, 0.4369.



This preview shows how white text looks on a background with the Yxy color 19.7238, 0.5054, 0.4369.

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

19.7238, 0.5054, 0.4369

Protanopia

19.9333, 0.4357, 0.4845

Deuteranopia

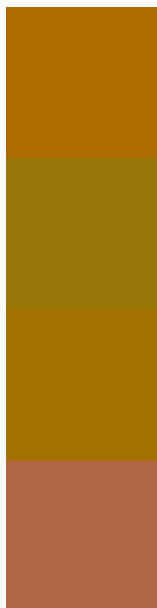
19.7905, 0.4709, 0.4643



Tritanopia

19.6620, 0.4138, 0.3175

Trichromacy



Original Color

19.7238, 0.5054, 0.4369

Protanomaly

19.6498, 0.4623, 0.4666

Deuteranomaly

19.8212, 0.4838, 0.4540

Tritanomaly

19.4773, 0.4657, 0.3771

Monochromacy



Original Color

19.7238, 0.5054, 0.4369

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

17.3036, 0.3971, 0.4006

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.7238, 0.5054, 0.4369 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(174, 108, 0)` looks like.

```
.text, #text, p{  
    color:rgb(174, 108, 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(174, 108, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 108, 0) }
```

Border

The CSS property to change the border of an element to Yxy 19.7238, 0.5054, 0.4369 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(174, 108, 0) }
```

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

```
.border{ border-color:rgb(174, 108, 0) }
```

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

Here you see how a box with a 4 pixel rgb(174, 108, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 108, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 108, 0);  
box-shadow:4px 4px 4px 4px rgb(174, 108,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 19.7238, 0.5054, 0.4369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 108, 0) }
```

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

```
.background{ background-color: rgb(174,  
108, 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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