

Converting Colors

$Y_{xy}(14.3141, 0.5666, 0.4060)$

Have a look what the booklet for
Yxy(14.3141, 0.5666, 0.4060)
contains.

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Color

Yxy(14.4474, 0.5551, 0.3974)

Conversions

Conversions Part 1

Format	Color
Hex	AE4E00
RGB	174, 78, 0
RGB Percent	68%, 31%, 0%
CMY	0.3176, 0.6941, 0.9997
CMYK	0.00, 0.55, 1.00, 0.32
HSL	27°, 100%, 34%
HSV	27°, 100%, 68%
XYZ	20.1806, 14.4474, 1.7269
YIQ	97.8120, 82.2540, -3.9060

Conversions

Conversions Part 2

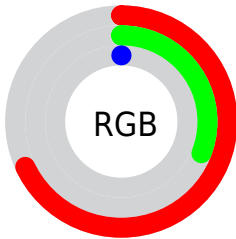
Format	Color
RYB	174, 141, 0
Decimal	11423232
CIELab	44.87, 35.93, 54.70
CIElCh	45, 65.439, 56.702
Yxy	14.4474, 0.5551, 0.3974
Android (android.graphics.Color)	4289613312 (0xFFAE4E00)
YUV	97.8120, -48.2213, 66.8169
Hunter-Lab	38.0097, 28.2542, 23.9132

Details

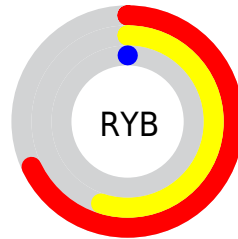
The Yxy color **14.4474, 0.5551, 0.3974** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **11.4344, 0.1823, 0.1762**, and the grayscale version is **12.2741, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8389, 0.5065, 0.3967**, and **4.4079, 0.6016, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **14.4427, 0.5552, 0.3974**, and if you desaturate by 10%, it is **15.9558, 0.5322, 0.4040**.

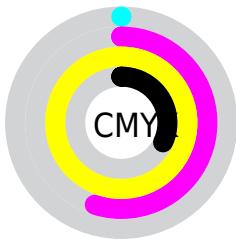
Distribution



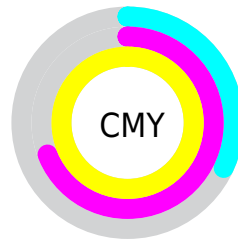
- Red (68%)
- Green (31%)
- Blue (0%)



- Red (68%)
- Yellow (55%)
- Blue (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (100%)
- Black (32%)





- Cyan (32%)
- Magenta (69%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4474, 0.5551, 0.3974 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 14.4474, 0.5551, 0.3974 by changing the saturation by 10% instead.


 14.4474, 0.5551,
0.3974


 14.4474, 0.5551,
0.3974


 219.9966, 0.4210,
0.3769


 8.4325, 0.5891,
0.3932


 33.8808, 0.5062,
0.3968

 4.3729, 0.6239,
0.3761


 48.0681, 0.4875,
0.3942


 1.8843, 0.6607,
0.3393

 65.7482, 0.4717,
0.3911

 0.5389, 0.7378,
0.2622

 87.3057, 0.4583,
0.3880


 0.0000, 1.0000,
0.0000


 113.1249, 0.4469,
0.3849


 0.0000, 0.0000,
0.0000

 143.5902, 0.4370,


0.3821

 179.0860, 0.4285,
0.3794

 14.4474, 0.5551,
0.3974


 14.4474, 0.5551,
0.3974


 14.4427, 0.5552,
0.3974

 15.9558, 0.5322,
0.4040

 17.7077, 0.5058,
0.4062

 19.7258, 0.4768,
0.4034

 22.0241, 0.4472,
0.3965

 24.6152, 0.4187,
0.3868

■ 27.5107, 0.3922,
0.3755

■ 30.7214, 0.3683,
0.3636

■ 34.2576, 0.3472,
0.3516

■ 38.1290, 0.3287,
0.3399

Harmonies

Analogous

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



14.4474, 0.5528, 0.3181



14.4474, 0.5551, 0.3974



14.4474, 0.4838, 0.4878

Triad

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



14.4474, 0.5551, 0.3974



14.4474, 0.1693, 0.4205



14.4474, 0.2037, 0.1558

Complementary

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



14.4474, 0.5551, 0.3974



11.4344, 0.1823, 0.1762

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.



14.4474, 0.1387, 0.1524



14.4474, 0.5551, 0.3974



14.4474, 0.1196, 0.2681

Square

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



14.4474, 0.5551, 0.3974



14.4474, 0.2646, 0.5615



14.4474, 0.1122, 0.1837



14.4474, 0.3158, 0.1883

Rectangle

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



14.4474, 0.5551, 0.3974



14.4474, 0.4152, 0.5460



14.4474, 0.1122, 0.1837



14.4474, 0.1771, 0.1514

Sweetspot

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



14.4482, 0.5551, 0.3974



55.3768, 0.3696, 0.3642



9.8941, 0.4670, 0.2346



11.7604, 0.3792, 0.3692



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.



14.4482, 0.5551, 0.3974



25.7647, 0.5580, 0.3951



34.9829, 0.4314, 0.4956



8.5841, 0.3276, 0.3392



10.5904, 0.5533, 0.3988



0.4048, 0.5029, 0.4389

Inverse Universe

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



11.4344, 0.1823, 0.1762



20.2764, 0.1815, 0.1734



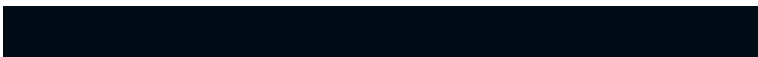
3.3114, 0.1513, 0.0645



8.4625, 0.2986, 0.3186



8.4088, 0.1828, 0.1779



0.3411, 0.1968, 0.2284

Previews

White Background



This preview shows how the Yxy color 14.4474, 0.5551, 0.3974 looks on a white background.

Color Contrast Check

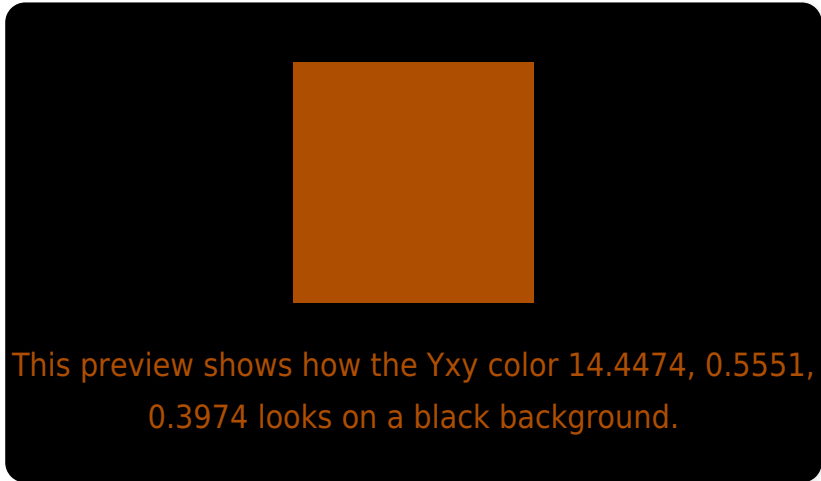
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4474, 0.5551, 0.3974

Background



This preview shows how black text looks on a background with the Yxy color 14.4474, 0.5551, 0.3974.



This preview shows how white text looks on a background with the Yxy color 14.4474, 0.5551, 0.3974.

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

14.4474, 0.5551, 0.3974

Protanopia

14.6177, 0.4344, 0.4798

Deuteranopia

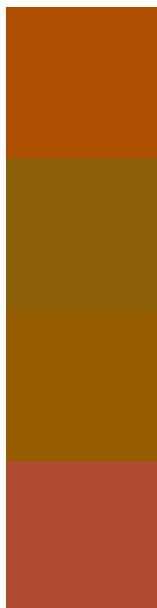
14.6536, 0.4688, 0.4660



Tritanopia

14.5310, 0.4823, 0.3240

Trichromacy



Original Color

14.4474, 0.5551, 0.3974

Protanomaly

13.9631, 0.4824, 0.4475

Deuteranomaly

14.2183, 0.5032, 0.4387

Tritanomaly

14.3679, 0.5226, 0.3619

Monochromacy



Original Color

14.4474, 0.5551, 0.3974

Achromatopsia

12.2139, 0.3127, 0.3290

Achromatomaly

12.2656, 0.4168, 0.3868

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4474, 0.5551, 0.3974 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, 78, 0)` looks like.

```
.text, #text, p{  
    color:rgb(174, 78, 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, 78, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 78, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.4474, 0.5551, 0.3974 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, 78, 0) }
```

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

```
.border{ border-color:rgb(174, 78, 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, 78, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 78, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 78, 0);  
box-shadow:4px 4px 4px 4px rgb(174, 78, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.4474, 0.5551, 0.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 78, 0) }
```

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

```
.background{ background-color: rgb(174, 78,  
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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