

Converting Colors

$Y_{xy}(14.0019, 0.5143, 0.4299)$

Have a look what the booklet for
Yxy(14.0019, 0.5143, 0.4299)
contains.

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Color

Yxy(14.0846, 0.5134, 0.4306)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 995A00 |
| RGB | 153, 90, 0 |
| RGB Percent | 60%, 35%, 0% |
| CMY | 0.4000, 0.6470, 1.0000 |
| CMYK | 0.00, 0.41, 1.00, 0.40 |
| HSL | 35°, 100%, 30% |
| HSV | 35°, 100%, 60% |
| XYZ | 16.7929, 14.0846, 1.8317 |
| YIQ | 98.5770, 66.4380, -14.6340 |

Conversions

Conversions Part 2

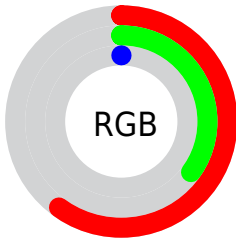
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 107, 153, 0 |
| Decimal | 10050048 |
| CIELab | 44.35, 20.42, 52.81 |
| CIELCh | 44, 56.622, 68.863 |
| Yxy | 14.0846, 0.5134, 0.4306 |
| Android (android.graphics.Color) | 4288240128 (0xFF995A00) |
| YUV | 98.5770, -48.5985, 47.7290 |
| Hunter-Lab | 37.5295, 14.1950, 23.3768 |

Details

The Yxy color **14.0846, 0.5134, 0.4306** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.8545, 0.1701, 0.1323**, and the grayscale version is **12.4779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2181, 0.4737, 0.4184**, and **4.2882, 0.5432, 0.4069** is the 20% darker color. If you saturate the color by 10%, you get **14.0855, 0.5134, 0.4306**, and if you desaturate by 10%, it is **15.2291, 0.4961, 0.4333**.

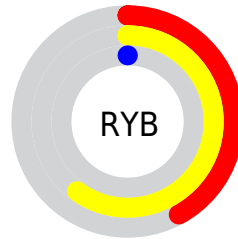
Distribution



Red (60%)

Green (35%)

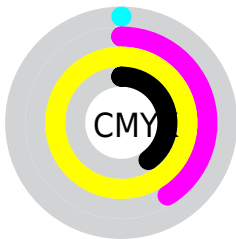
Blue (0%)



Red (42%)

Yellow (60%)

Blue (0%)

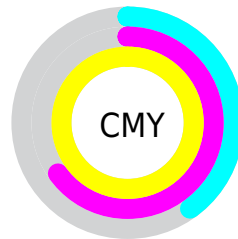


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (40%)



Cyan (40%)


Magenta (65%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0846, 0.5134, 0.4306 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 14.0846, 0.5134, 0.4306 by changing the saturation by 10% instead.


 14.0846, 0.5134,
0.4306


 14.0846, 0.5134,
0.4306


 217.7565, 0.4023,
0.3857


 8.1795, 0.5413,
0.4349


 33.2391, 0.4729,
0.4190

 4.2100, 0.5701,
0.4299

 47.2572, 0.4574,
0.4128


 1.7917, 0.5949,
0.4051

 64.7486, 0.4443,
0.4071

 0.4820, 0.6662,
0.3338


 86.0975, 0.4332,
0.4018

 0.0000, 0.0000,
0.0000

 111.6883, 0.4238,
0.3971


 141.9055, 0.4156,

0.3929

 177.1334, 0.4085,
0.3891


 14.0846, 0.5134,
0.4306


 14.0846, 0.5134,
0.4306


 14.0855, 0.5134,
0.4306

 15.2291, 0.4961,
0.4333

 16.4911, 0.4765,
0.4320

 17.8855, 0.4545,
0.4259

 19.4193, 0.4313,
0.4159

 21.0984, 0.4081,
0.4032

■ 22.9284, 0.3857,
0.3887

■ 24.9144, 0.3648,
0.3735

■ 27.0612, 0.3456,
0.3581

■ 29.3733, 0.3282,
0.3432

Harmonies

Analogous

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



14.0846, 0.5369, 0.3532



14.0846, 0.5134, 0.4306



14.0846, 0.4365, 0.5087

Triad

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



14.0846, 0.5134, 0.4306



14.0846, 0.1615, 0.3514



14.0846, 0.2520, 0.1806

Complementary

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



14.0846, 0.5134, 0.4306



5.8545, 0.1701, 0.1323

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.



14.0846, 0.1747, 0.1665



14.0846, 0.5134, 0.4306



14.0846, 0.1305, 0.2397

Square

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



14.0846, 0.5134, 0.4306



14.0846, 0.2351, 0.4886



14.0846, 0.1359, 0.1827



14.0846, 0.3662, 0.2213

Rectangle

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



14.0846, 0.5134, 0.4306



14.0846, 0.3708, 0.5442



14.0846, 0.1359, 0.1827



14.0846, 0.2216, 0.1728

Sweetspot

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



14.0855, 0.5134, 0.4306



44.3996, 0.3660, 0.3744



7.1397, 0.5275, 0.2680



9.4955, 0.3739, 0.3803



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.



14.0855, 0.5134, 0.4306



24.8523, 0.5157, 0.4288



28.3800, 0.4050, 0.5166



6.7961, 0.3270, 0.3421



11.7080, 0.5125, 0.4313



0.2465, 0.4643, 0.4696

Inverse Universe

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



5.8545, 0.1701, 0.1323



10.1376, 0.1691, 0.1289



2.3836, 0.1532, 0.0618



6.4232, 0.2989, 0.3156



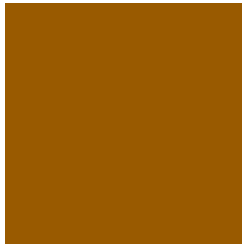
4.9014, 0.1705, 0.1336



0.1424, 0.1930, 0.2146

Previews

White Background



This preview shows how the Yxy color 14.0846, 0.5134, 0.4306 looks on a white background.

Color Contrast Check

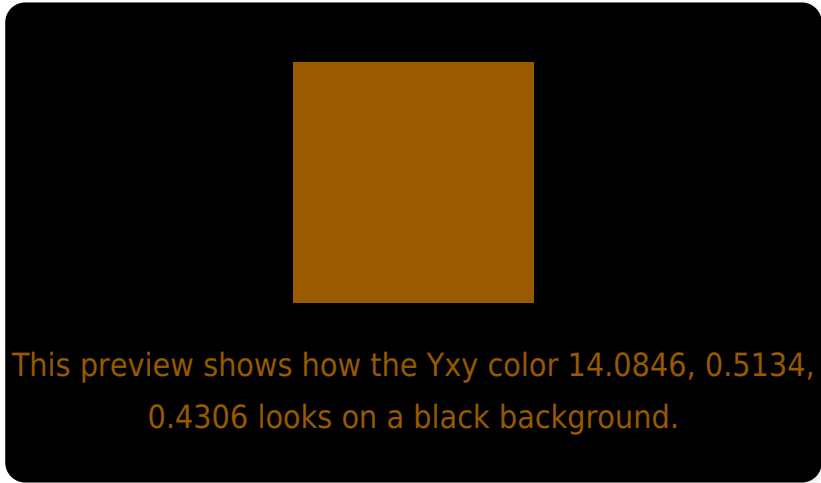
Large Text (above 18pt) WCAG AA ✓ Pass

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

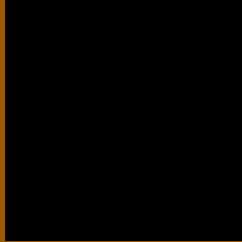
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0846, 0.5134, 0.4306

Background



This preview shows how black text looks on a background with the Yxy color 14.0846, 0.5134, 0.4306.



This preview shows how white text looks on a background with the Yxy color 14.0846, 0.5134, 0.4306.

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

14.0846, 0.5134, 0.4306

Protanopia

14.2566, 0.4347, 0.4831

Deuteranopia

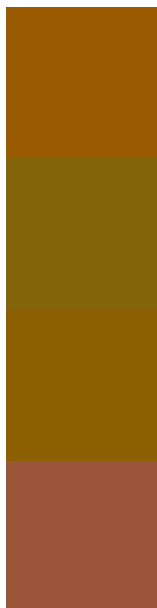
14.1009, 0.4696, 0.4653



Tritanopia

14.1468, 0.4228, 0.3194

Trichromacy



Original Color

14.0846, 0.5134, 0.4306

Protanomaly

13.9572, 0.4637, 0.4636

Deuteranomaly

13.9412, 0.4863, 0.4521

Tritanomaly

13.9195, 0.4735, 0.3748

Monochromacy



Original Color

14.0846, 0.5134, 0.4306

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.6466, 0.3989, 0.3976

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0846, 0.5134, 0.4306 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(153, 90, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 90, 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(153, 90, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 90, 0) }
```

Border

The CSS property to change the border of an element to Yxy 14.0846, 0.5134, 0.4306 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(153, 90, 0) }
```

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

```
.border{ border-color:rgb(153, 90, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 90, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 90, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 90, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 90, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 14.0846, 0.5134, 0.4306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 90, 0) }
```

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

```
.background{ background-color: rgb(153, 90,  
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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