

Converting Colors

$Y_{xy}(14.3854, 0.4700, 0.4399)$

Have a look what the booklet for
Yxy(14.3854, 0.4700, 0.4399)
contains.

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Color

Yxy(14.3854, 0.4700, 0.4399)

Conversions

Conversions Part 1

Format	Color
Hex	8C621A
RGB	140, 98, 26
RGB Percent	55%, 38%, 10%
CMY	0.4510, 0.6157, 0.8979
CMYK	0.00, 0.30, 0.81, 0.45
HSL	38°, 69%, 33%
HSV	38°, 81%, 55%
XYZ	15.3697, 14.3854, 2.9464
YIQ	102.3500, 48.1440, -13.4880

Conversions

Conversions Part 2

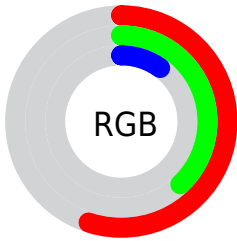
Format	Color
RYB	93, 140, 26
Decimal	9200154
CIELab	44.78, 10.42, 44.75
CIElCh	45, 45.946, 76.895
Yxy	14.3854, 0.4700, 0.4399
Android (android.graphics.Color)	4287390234 (0xFF8C621A)
YUV	102.3500, -37.6405, 33.0191
Hunter-Lab	37.9281, 5.9599, 21.9438

Details

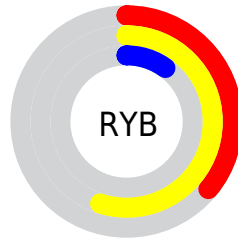
The Yxy color **14.3854, 0.4700, 0.4399** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.2530, 0.1848, 0.1598**, and the grayscale version is **13.4763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8870, 0.4358, 0.4210**, and **4.4344, 0.5021, 0.4395** is the 20% darker color. If you saturate the color by 10%, you get **13.4033, 0.4872, 0.4417**, and if you desaturate by 10%, it is **15.4618, 0.4503, 0.4334**.

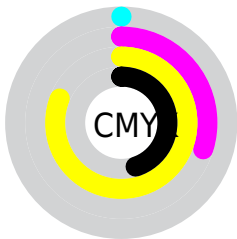
Distribution



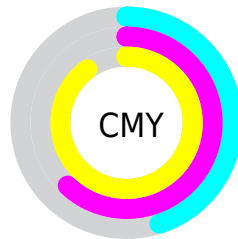
- Red (55%)
- Green (38%)
- Blue (10%)



- Red (36%)
- Yellow (55%)
- Blue (10%)



- Cyan (0%)
- Magenta (30%)
- Yellow (81%)
- Black (45%)




- Cyan (45%)
- Magenta (62%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3854, 0.4700, 0.4399 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 14.3854, 0.4700, 0.4399 by changing the saturation by 10% instead.


 14.3854, 0.4700,
0.4399


 14.3854, 0.4700,
0.4399


219.6154, 0.3813,
0.3825


 8.3892, 0.4922,
0.4505


 33.7713, 0.4365,
0.4204


 4.3450, 0.5304,
0.4696

 47.9298, 0.4241,
0.4124


 1.8684, 0.5439,
0.4561

 65.5779, 0.4138,
0.4055

 0.5292, 0.5886,
0.4114

 87.0999, 0.4052,
0.3995

 0.0000, 0.0000,
0.0000

 112.8803, 0.3978,
0.3944

 143.3034, 0.3915,

0.3899

178.7536, 0.3860,
0.3859

14.3854, 0.4700,
0.4399

14.3854, 0.4700,
0.4399

13.4033, 0.4872,
0.4417

15.4618, 0.4503,
0.4334

12.6214, 0.5006,
0.4407

16.6354, 0.4291,
0.4230

17.9113, 0.4075,
0.4096

19.2937, 0.3863,
0.3945

20.7861, 0.3661,
0.3784

■ 22.3922, 0.3474,
0.3622

■ 24.1151, 0.3302,
0.3463

■ 25.9579, 0.3147,
0.3311

■ 27.9235, 0.3009,
0.3167

Harmonies

Analogous

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



14.3854, 0.4986, 0.3736



14.3854, 0.4700, 0.4399



14.3854, 0.4011, 0.4937

Triad

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



14.3854, 0.4700, 0.4399



14.3854, 0.1762, 0.3217



14.3854, 0.2870, 0.2103

Complementary

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



14.3854, 0.4700, 0.4399



6.2530, 0.1848, 0.1598

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.



14.3854, 0.2115, 0.1917



14.3854, 0.4700, 0.4399



14.3854, 0.1560, 0.2408

Square

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



14.3854, 0.4700, 0.4399



14.3854, 0.2319, 0.4279



14.3854, 0.1681, 0.1998



14.3854, 0.3840, 0.2517

Rectangle

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



14.3854, 0.4700, 0.4399



14.3854, 0.3440, 0.5053



14.3854, 0.1681, 0.1998



14.3854, 0.2584, 0.2014

Sweetspot

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



14.3861, 0.4700, 0.4399



38.5765, 0.3531, 0.3672



6.7550, 0.4827, 0.2655



8.6816, 0.3590, 0.3724



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



14.3861, 0.4700, 0.4399



22.2504, 0.4998, 0.4396



23.3201, 0.3963, 0.5057



5.5402, 0.3266, 0.3428



11.2531, 0.5001, 0.4411



0.1028, 0.4568, 0.4755

Inverse Universe

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



6.2530, 0.1848, 0.1598



7.6191, 0.1675, 0.1213



3.0723, 0.1745, 0.0901



5.1745, 0.2991, 0.3148



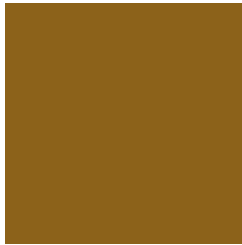
3.8680, 0.1673, 0.1221



0.0520, 0.1901, 0.2044

Previews

White Background



This preview shows how the Yxy color 14.3854, 0.4700, 0.4399 looks on a white background.

Color Contrast Check

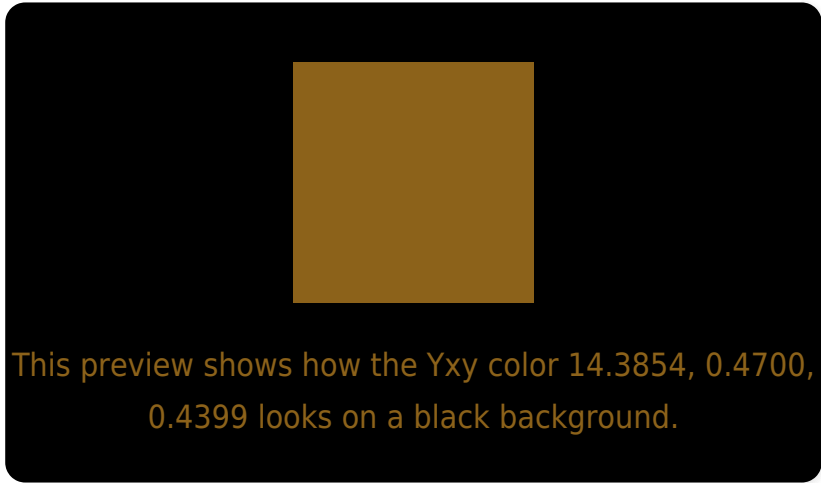
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3854, 0.4700, 0.4399

Background



This preview shows how black text looks on a background with the Yxy color 14.3854, 0.4700, 0.4399.



This preview shows how white text looks on a background with the Yxy color 14.3854, 0.4700, 0.4399.

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

14.3854, 0.4700, 0.4399

Protanopia

14.5212, 0.4244, 0.4713

Deuteranopia

14.4459, 0.4575, 0.4508



Tritanopia

14.2933, 0.3866, 0.3167

Trichromacy



Original Color

14.3854, 0.4700, 0.4399

Protanomaly

14.4918, 0.4414, 0.4601

Deuteranomaly

14.4188, 0.4620, 0.4475

Tritanomaly

14.3129, 0.4249, 0.3685

Monochromacy



Original Color

14.3854, 0.4700, 0.4399

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.5148, 0.3740, 0.3861

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3854, 0.4700, 0.4399 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(140, 98, 26)` looks like.

```
.text, #text, p{  
    color:rgb(140, 98, 26)  
}
```

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(140, 98, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 98, 26) }
```

Border

The CSS property to change the border of an element to Yxy 14.3854, 0.4700, 0.4399 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(140, 98, 26) }
```

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

```
.border{ border-color:rgb(140, 98, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 98, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 98, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 98, 26);  
box-shadow:4px 4px 4px 4px rgb(140, 98,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3854, 0.4700, 0.4399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 98, 26) }
```

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

```
.background{ background-color: rgb(140, 98,  
26) }
```

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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