

Converting Colors

$Y_{xy}(13.4911, 0.4906, 0.3969)$

Have a look what the booklet for
Yxy(13.4911, 0.4906, 0.3969)
contains.

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Color

Yxy(13.4911, 0.4906, 0.3969)

Conversions

Conversions Part 1

Format	Color
Hex	985629
RGB	152, 86, 41
RGB Percent	60%, 34%, 16%
CMY	0.4040, 0.6627, 0.8392
CMYK	0.00, 0.43, 0.73, 0.40
HSL	24°, 58%, 38%
HSV	24°, 73%, 60%
XYZ	16.6761, 13.4911, 3.8240
YIQ	100.6040, 53.7810, -0.0030

Conversions

Conversions Part 2

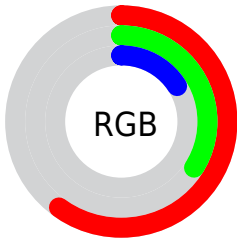
Format	Color
R_{YB}	152, 117, 41
Decimal	9983529
CIE _{Lab}	43.49, 23.47, 37.08
CIE _{LCh}	43, 43.885, 57.665
Yxy	13.4911, 0.4906, 0.3969
Android (android.graphics.Color)	4288173609 (0xFF985629)
YUV	100.6040, -29.3848, 45.0743
Hunter-Lab	36.7302, 16.7638, 19.5384

Details

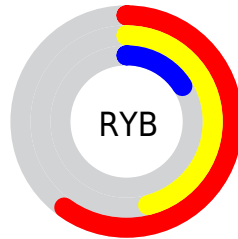
The Yxy color **13.4911, 0.4906, 0.3969** is a dark color, and the websafe version is hex **996633**, and the color name is **fox-color (kitsune-iro)**. A complement of this color would be **13.2531, 0.2087, 0.2336**, and the grayscale version is **12.9741, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.0312, 0.4486, 0.3864**, and **3.9378, 0.5575, 0.3956** is the 20% darker color. If you saturate the color by 10%, you get **12.0522, 0.5210, 0.3978**, and if you desaturate by 10%, it is **15.1549, 0.4593, 0.3918**.

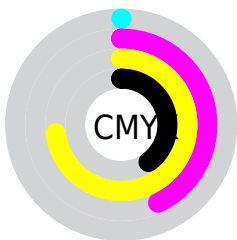
Distribution



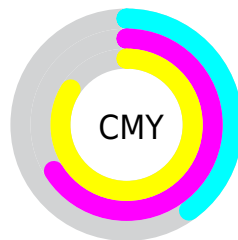
- Red (60%)
- Green (34%)
- Blue (16%)



- Red (60%)
- Yellow (46%)
- Blue (16%)



- Cyan (0%)
- Magenta (43%)
- Yellow (73%)
- Black (40%)




- Cyan (40%)
- Magenta (66%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.4911, 0.4906, 0.3969 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 13.4911, 0.4906, 0.3969 by changing the saturation by 10% instead.


 13.4911, 0.4906,
0.3969

 13.4911, 0.4906,
0.3969


214.0415, 0.3860,
0.3648


 7.7676, 0.5206,
0.4005


 32.1833, 0.4490,
0.3873

 3.9466, 0.5690,
0.4063

 45.9208, 0.4344,
0.3828


 1.6437, 0.6124,
0.3876

 63.0983, 0.4225,
0.3788

 0.3868, 0.7095,
0.2905

 84.1004, 0.4126,
0.3753

 0.0000, 0.0000,
0.0000

 109.3113, 0.4044,
0.3722

 139.1156, 0.3973,

0.3694

173.8975, 0.3913,
0.3670

■ 13.4911, 0.4906,
0.3969

■ 13.4911, 0.4906,
0.3969

■ 12.0522, 0.5210,
0.3978

■ 15.1549, 0.4593,
0.3918

■ 10.8243, 0.5481,
0.3937

■ 17.0521, 0.4289,
0.3838

■ 10.0792, 0.5656,
0.3891

■ 19.1933, 0.4008,
0.3740

■ 21.5876, 0.3756,
0.3633

■ 24.2436, 0.3533,
0.3525

■ 27.1696, 0.3340,
0.3419

■ 30.3733, 0.3173,
0.3319

■ 33.8622, 0.3029,
0.3225

■ 37.6434, 0.2905,
0.3139

Harmonies

Analogous

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



13.4911, 0.4819, 0.3320



13.4911, 0.4906, 0.3969



13.4911, 0.4462, 0.4598

Triad

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



13.4911, 0.4906, 0.3969



13.4911, 0.2103, 0.3884



13.4911, 0.2367, 0.1980

Complementary

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



13.4911, 0.4906, 0.3969



13.2531, 0.2087, 0.2336

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.



13.4911, 0.1826, 0.1962



13.4911, 0.4906, 0.3969



13.4911, 0.1680, 0.2894

Square

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



13.4911, 0.4906, 0.3969



13.4911, 0.2841, 0.4775



13.4911, 0.1598, 0.2242



13.4911, 0.3206, 0.2249

Rectangle

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



13.4911, 0.4906, 0.3969



13.4911, 0.3978, 0.4911



13.4911, 0.1598, 0.2242



13.4911, 0.2151, 0.1944

Sweetspot

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



13.4918, 0.4906, 0.3969



43.0879, 0.3521, 0.3519



9.3356, 0.4029, 0.2290



9.5195, 0.3573, 0.3545



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.



13.4918, 0.4906, 0.3969



19.7845, 0.5396, 0.3956



25.8534, 0.4187, 0.4735



6.6133, 0.3274, 0.3381



8.5100, 0.5644, 0.3901



0.1959, 0.4957, 0.4446

Inverse Universe

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



13.2531, 0.2087, 0.2336



19.1874, 0.1937, 0.2080



5.2043, 0.1804, 0.1202



6.6061, 0.2989, 0.3198



8.1467, 0.1871, 0.1936



0.1930, 0.2050, 0.2580

Previews

White Background



This preview shows how the Yxy color 13.4911, 0.4906, 0.3969 looks on a white background.

Color Contrast Check

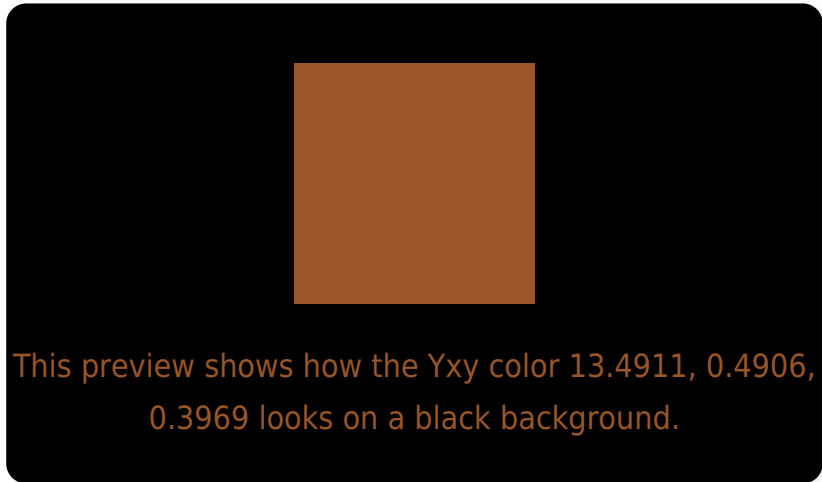
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.4911, 0.4906, 0.3969

Background



This preview shows how black text looks on a background with the Yxy color 13.4911, 0.4906, 0.3969.



This preview shows how white text looks on a background with the Yxy color 13.4911, 0.4906, 0.3969.

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

13.4911, 0.4906, 0.3969

Protanopia

13.5426, 0.4070, 0.4440

Deuteranopia

13.5424, 0.4437, 0.4364



Tritanopia

13.4430, 0.4273, 0.3193

Trichromacy



Original Color

13.4911, 0.4906, 0.3969

Protanomaly

13.3204, 0.4371, 0.4271

Deuteranomaly

13.4703, 0.4603, 0.4222

Tritanomaly

13.4010, 0.4538, 0.3508

Monochromacy



Original Color

13.4911, 0.4906, 0.3969

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

12.9233, 0.3763, 0.3645

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.4911, 0.4906, 0.3969 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(152, 86, 41)` looks like.

```
.text, #text, p{  
    color:rgb(152, 86, 41)  
}
```

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(152, 86, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 86, 41) }
```

Border

The CSS property to change the border of an element to Yxy 13.4911, 0.4906, 0.3969 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(152, 86, 41) }
```

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

```
.border{ border-color:rgb(152, 86, 41) }
```

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

Here you see how a box with a 4 pixel rgb(152, 86, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 86, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 86, 41);  
box-shadow:4px 4px 4px 4px rgb(152, 86,  
41) }
```


Background

The CSS property to change the background color of an element to Yxy 13.4911, 0.4906, 0.3969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 86, 41) }
```

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

```
.background{ background-color: rgb(152, 86,  
41) }
```

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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