

Converting Colors

$Y_{xy}(13.9314, 0.4952, 0.3989)$

Have a look what the booklet for
Yxy(13.9314, 0.4952, 0.3989)
contains.

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Color

Yxy(13.9314, 0.4952, 0.3989)

Conversions

Conversions Part 1

Format	Color
Hex	9B5727
RGB	155, 87, 39
RGB Percent	61%, 34%, 15%
CMY	0.3921, 0.6588, 0.8470
CMYK	0.00, 0.44, 0.75, 0.39
HSL	25°, 60%, 38%
HSV	25°, 75%, 61%
XYZ	17.2946, 13.9314, 3.6985
YIQ	101.8600, 55.9360, -0.5120

Conversions

Conversions Part 2

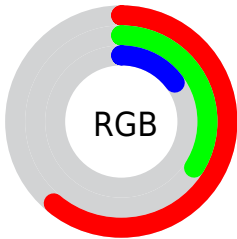
Format	Color
RYB	155, 121, 39
Decimal	10180391
CIELab	44.13, 24.13, 38.91
CIElCh	44, 45.784, 58.192
Yxy	13.9314, 0.4952, 0.3989
Android (android.graphics.Color)	4288370471 (0xFF9B5727)
YUV	101.8600, -30.9900, 46.6038
Hunter-Lab	37.3248, 17.3905, 20.2523

Details

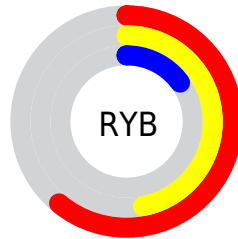
The Yxy color **13.9314, 0.4952, 0.3989** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.3231, 0.2061, 0.2285**, and the grayscale version is **13.3207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1612, 0.4529, 0.3897**, and **4.1702, 0.5587, 0.3946** is the 20% darker color. If you saturate the color by 10%, you get **12.4691, 0.5248, 0.3990**, and if you desaturate by 10%, it is **15.6225, 0.4642, 0.3944**.

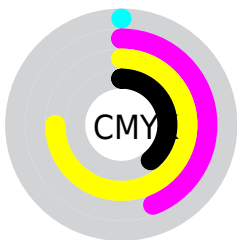
Distribution



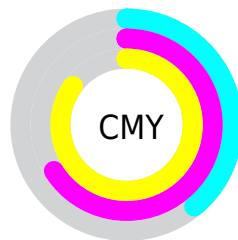
- Red (61%)
- Green (34%)
- Blue (15%)



- Red (61%)
- Yellow (47%)
- Blue (15%)



- Cyan (0%)
- Magenta (44%)
- Yellow (75%)
- Black (39%)





- Cyan (39%)
- Magenta (66%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9314, 0.4952, 0.3989 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 13.9314, 0.4952, 0.3989 by changing the saturation by 10% instead.


 13.9314, 0.4952,
0.3989


 13.9314, 0.4952,
0.3989


216.8036, 0.3888,
0.3665

 8.0730, 0.5251,
0.4021


 32.9673, 0.4533,
0.3895


 4.1417, 0.5735,
0.4078

 46.9135, 0.4384,
0.3850


 1.7531, 0.6131,
0.3869

 64.3244, 0.4263,
0.3809

 0.4577, 0.6939,
0.3061

 85.5845, 0.4162,
0.3773

 0.0000, 0.0000,
0.0000

 111.0780, 0.4077,
0.3741

 141.1895, 0.4004,

0.3713

176.3032, 0.3942,
0.3687

13.9314, 0.4952,
0.3989

13.9314, 0.4952,
0.3989

12.4691, 0.5248,
0.3990

15.6225, 0.4642,
0.3944

11.2210, 0.5508,
0.3941

17.5514, 0.4339,
0.3866

10.6496, 0.5636,
0.3907

19.7289, 0.4055,
0.3769

22.1646, 0.3798,
0.3661

24.8672, 0.3571,
0.3550

■ 27.8453, 0.3373,
0.3441

■ 31.1068, 0.3201,
0.3338

■ 34.6595, 0.3053,
0.3241

■ 38.5106, 0.2926,
0.3151

Harmonies

Analogous

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



13.9314, 0.4879, 0.3326



13.9314, 0.4952, 0.3989



13.9314, 0.4482, 0.4638

Triad

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



13.9314, 0.4952, 0.3989



13.9314, 0.2061, 0.3884



13.9314, 0.2357, 0.1950

Complementary

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



13.9314, 0.4952, 0.3989



13.3231, 0.2061, 0.2285

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.



13.9314, 0.1799, 0.1925



13.9314, 0.4952, 0.3989



13.9314, 0.1637, 0.2862

Square

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



13.9314, 0.4952, 0.3989



13.9314, 0.2812, 0.4819



13.9314, 0.1561, 0.2202



13.9314, 0.3223, 0.2229

Rectangle

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



13.9314, 0.4952, 0.3989



13.9314, 0.3979, 0.4963



13.9314, 0.1561, 0.2202



13.9314, 0.2134, 0.1912

Sweetspot

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



13.9321, 0.4952, 0.3989



45.7582, 0.3521, 0.3524



9.5184, 0.4063, 0.2277



10.0667, 0.3573, 0.3551



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



13.9321, 0.4952, 0.3989



20.7386, 0.5433, 0.3961



26.8872, 0.4206, 0.4757



6.6214, 0.3274, 0.3382



8.6237, 0.5621, 0.3919



0.1981, 0.4941, 0.4459

Inverse Universe

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



13.3231, 0.2061, 0.2285



19.4297, 0.1914, 0.2021



5.1333, 0.1774, 0.1150



6.5979, 0.2989, 0.3196



7.9725, 0.1863, 0.1907



0.1907, 0.2045, 0.2563

Previews

White Background



This preview shows how the Yxy color 13.9314, 0.4952, 0.3989 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



This preview shows how the Yxy color 13.9314, 0.4952, 0.3989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

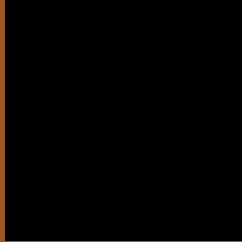
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.9314, 0.4952, 0.3989

Background



This preview shows how black text looks on a background with the Yxy color 13.9314, 0.4952, 0.3989.



This preview shows how white text looks on a background with the Yxy color 13.9314, 0.4952, 0.3989.

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

13.9314, 0.4952, 0.3989

Protanopia

14.0669, 0.4099, 0.4490

Deuteranopia

14.0610, 0.4467, 0.4417



Tritanopia

14.0083, 0.4307, 0.3196

Trichromacy



Original Color

13.9314, 0.4952, 0.3989

Protanomaly

13.7278, 0.4425, 0.4294

Deuteranomaly

13.8872, 0.4662, 0.4252

Tritanomaly

13.9509, 0.4584, 0.3518

Monochromacy



Original Color

13.9314, 0.4952, 0.3989

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.1788, 0.3772, 0.3663

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9314, 0.4952, 0.3989 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(155, 87, 39)` looks like.

```
.text, #text, p{  
    color:rgb(155, 87, 39)  
}
```

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(155, 87, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 87, 39) }
```

Border

The CSS property to change the border of an element to Yxy 13.9314, 0.4952, 0.3989 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(155, 87, 39) }
```

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

```
.border{ border-color:rgb(155, 87, 39) }
```

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

Here you see how a box with a 4 pixel rgb(155, 87, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 87, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 87, 39);  
box-shadow:4px 4px 4px 4px rgb(155, 87,  
39) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9314, 0.4952, 0.3989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 87, 39) }
```

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

```
.background{ background-color: rgb(155, 87,  
39) }
```

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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