

Converting Colors

$Y_{xy}(15.6165, 0.4590, 0.4403)$

Have a look what the booklet for
Yxy(15.6165, 0.4590, 0.4403)
contains.

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Color

Yxy(15.5611, 0.4596, 0.4393)

Conversions

Conversions Part 1

Format	Color
Hex	8E6721
RGB	142, 103, 33
RGB Percent	56%, 40%, 13%
CMY	0.4431, 0.5961, 0.8707
CMYK	0.00, 0.27, 0.77, 0.44
HSL	39°, 62%, 34%
HSV	39°, 77%, 56%
XYZ	16.2802, 15.5611, 3.5812
YIQ	106.6810, 45.7140, -13.5020

Conversions

Conversions Part 2

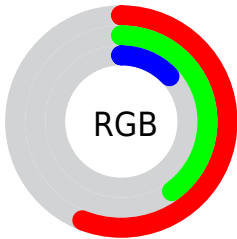
Format	Color
RYB	94, 142, 33
Decimal	9332513
CIELab	46.39, 8.74, 43.50
CIELCh	46, 44.365, 78.635
Yxy	15.5611, 0.4596, 0.4393
Android (android.graphics.Color)	4287522593 (0xFF8E6721)
YUV	106.6810, -36.3247, 30.9748
Hunter-Lab	39.4476, 4.6345, 22.2307

Details

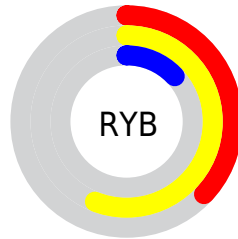
The Yxy color **15.5611, 0.4596, 0.4393** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.9053, 0.1897, 0.1674**, and the grayscale version is **14.7023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.8625, 0.4286, 0.4196**, and **4.9031, 0.4944, 0.4457** is the 20% darker color. If you saturate the color by 10%, you get **14.5186, 0.4775, 0.4435**, and if you desaturate by 10%, it is **16.7001, 0.4395, 0.4307**.

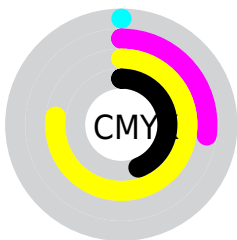
Distribution



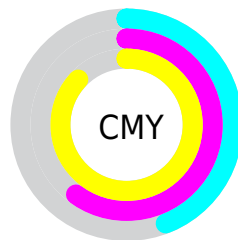
- Red (56%)
- Green (40%)
- Blue (13%)



- Red (37%)
- Yellow (56%)
- Blue (13%)



- Cyan (0%)
- Magenta (27%)
- Yellow (77%)
- Black (44%)





- Cyan (44%)
- Magenta (60%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.5611, 0.4596, 0.4393 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 15.5611, 0.4596, 0.4393 by changing the saturation by 10% instead.


 15.5611, 0.4596,
0.4393


 15.5611, 0.4596,
0.4393


226.7377, 0.3772,
0.3814

 9.2141, 0.4805,
0.4511


 35.8346, 0.4285,
0.4191

 4.8811, 0.5152,
0.4712

 50.5298, 0.4170,
0.4111

 2.1777, 0.5328,
0.4672

 68.7766, 0.4074,
0.4042

 0.7078, 0.5562,
0.4438

 90.9594, 0.3994,
0.3983

 0.0000, 0.0000,
0.0000

 117.4625, 0.3926,
0.3932

 148.6703, 0.3867,

0.3888

184.9673, 0.3817,
0.3849

15.5611, 0.4596,
0.4393

15.5611, 0.4596,
0.4393

14.5186, 0.4775,
0.4435

16.7001, 0.4395,
0.4307

13.5628, 0.4929,
0.4433

17.9382, 0.4184,
0.4186

13.2702, 0.4978,
0.4429

19.2803, 0.3972,
0.4041

20.7304, 0.3766,
0.3882

22.2921, 0.3572,
0.3717

■ 23.9688, 0.3393,
0.3553

■ 25.7638, 0.3229,
0.3394

■ 27.6799, 0.3082,
0.3242

■ 29.7202, 0.2950,
0.3101

Harmonies

Analogous

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



15.5611, 0.4883, 0.3767



15.5611, 0.4596, 0.4393



15.5611, 0.3933, 0.4868

Triad

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



15.5611, 0.4596, 0.4393



15.5611, 0.1812, 0.3175



15.5611, 0.2937, 0.2177

Complementary

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



15.5611, 0.4596, 0.4393



6.9053, 0.1897, 0.1674

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.



15.5611, 0.2201, 0.1985



15.5611, 0.4596, 0.4393



15.5611, 0.1633, 0.2429

Square

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



15.5611, 0.4596, 0.4393



15.5611, 0.2329, 0.4159



15.5611, 0.1765, 0.2051



15.5611, 0.3854, 0.2586

Rectangle

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



15.5611, 0.4596, 0.4393



15.5611, 0.3387, 0.4938



15.5611, 0.1765, 0.2051



15.5611, 0.2662, 0.2087

Sweetspot

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



15.5619, 0.4596, 0.4393



40.2643, 0.3511, 0.3662



7.3169, 0.4735, 0.2686



8.7860, 0.3570, 0.3715



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.



15.5619, 0.4596, 0.4393



24.3871, 0.4886, 0.4436



24.0045, 0.3922, 0.5016



5.9653, 0.3267, 0.3431



11.9494, 0.4974, 0.4433



0.1560, 0.4554, 0.4766

Inverse Universe

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



6.9053, 0.1897, 0.1674



8.5887, 0.1713, 0.1299



3.6548, 0.1828, 0.1009



5.5510, 0.2990, 0.3145



3.8951, 0.1663, 0.1188



0.0762, 0.1893, 0.2013

Previews

White Background



This preview shows how the Yxy color 15.5611, 0.4596, 0.4393 looks on a white background.

Color Contrast Check

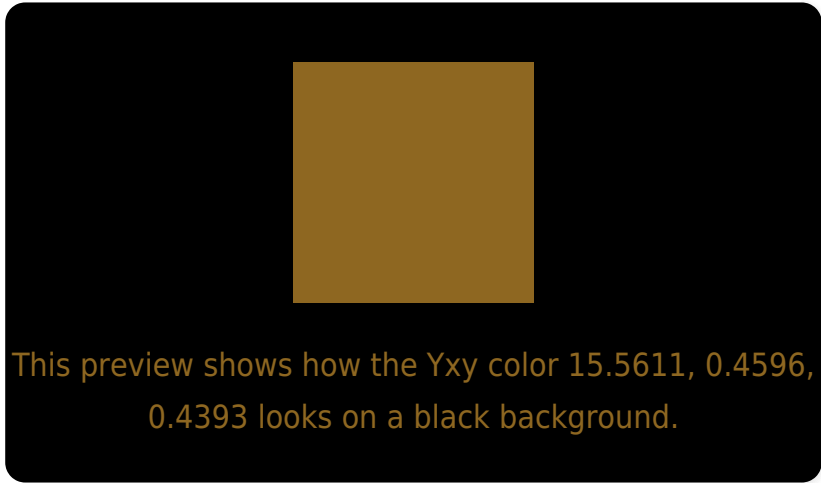
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5611, 0.4596, 0.4393

Background



This preview shows how black text looks on a background with the Yxy color 15.5611, 0.4596, 0.4393.



This preview shows how white text looks on a background with the Yxy color 15.5611, 0.4596, 0.4393.

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

15.5611, 0.4596, 0.4393

Protanopia

15.7753, 0.4211, 0.4646

Deuteranopia

15.6107, 0.4519, 0.4466



Tritanopia

15.4762, 0.3774, 0.3151

Trichromacy



Original Color

15.5611, 0.4596, 0.4393

Protanomaly

15.6659, 0.4361, 0.4551

Deuteranomaly

15.4939, 0.4547, 0.4443

Tritanomaly

15.4935, 0.4142, 0.3664

Monochromacy



Original Color

15.5611, 0.4596, 0.4393

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.8803, 0.3685, 0.3822

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5611, 0.4596, 0.4393 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(142, 103, 33)` looks like.

```
.text, #text, p{  
    color:rgb(142, 103, 33)  
}
```

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(142, 103, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 103, 33) }
```

Border

The CSS property to change the border of an element to Yxy 15.5611, 0.4596, 0.4393 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(142, 103, 33) }
```

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

```
.border{ border-color:rgb(142, 103, 33) }
```

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

Here you see how a box with a 4 pixel rgb(142, 103, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 103, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 103, 33);  
box-shadow:4px 4px 4px 4px rgb(142, 103,  
33) }
```


Background

The CSS property to change the background color of an element to Yxy 15.5611, 0.4596, 0.4393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 103, 33) }
```

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

```
.background{ background-color: rgb(142,  
103, 33) }
```

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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