

Converting Colors

$Y_{xy}(11.6632, 0.5434, 0.4067)$

Have a look what the booklet for
Yxy(11.6632, 0.5434, 0.4067)
contains.

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Color

Yxy(11.6699, 0.5433, 0.4068)

Conversions

Conversions Part 1

Format	Color
Hex	994A00
RGB	153, 74, 0
RGB Percent	60%, 29%, 0%
CMY	0.4000, 0.7098, 0.9999
CMYK	0.00, 0.52, 1.00, 0.40
HSL	29°, 100%, 30%
HSV	29°, 100%, 60%
XYZ	15.5857, 11.6699, 1.4315
YIQ	89.1850, 70.8380, -6.2660

Conversions

Conversions Part 2

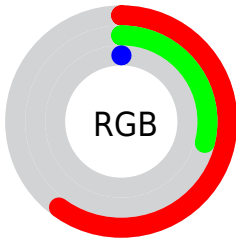
Format	Color
R_{YB}	153, 143, 0
Decimal	10045952
CIE Lab	40.69, 29.33, 50.53
CIE LCh	41, 58.430, 59.864
Yxy	11.6699, 0.5433, 0.4068
Android (android.graphics.Color)	4288236032 (0xFF994A00)
YUV	89.1850, -43.9682, 55.9658
Hunter-Lab	34.1612, 21.6565, 21.4284

Details

The Yxy color **11.6699, 0.5433, 0.4068** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **7.8936, 0.1794, 0.1657**, and the grayscale version is **10.1218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8470, 0.4935, 0.4026**, and **3.2168, 0.5889, 0.3706** is the 20% darker color. If you saturate the color by 10%, you get **11.6693, 0.5433, 0.4068**, and if you desaturate by 10%, it is **12.8280, 0.5212, 0.4118**.

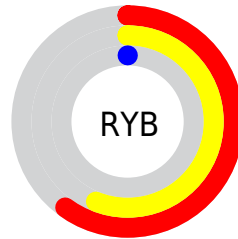
Distribution



Red (60%)

Green (29%)

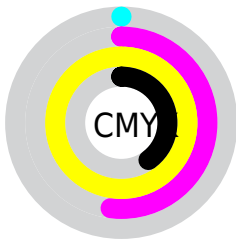
Blue (0%)



Red (60%)

Yellow (56%)

Blue (0%)

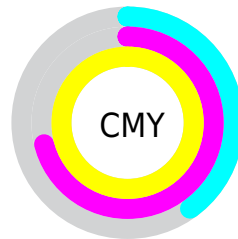


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (40%)



Cyan (40%)


Magenta (71%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6699, 0.5433, 0.4068 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 11.6699, 0.5433, 0.4068 by changing the saturation by 10% instead.


 11.6699, 0.5433,
0.4068


 11.6699, 0.5433,
0.4068


 202.2075, 0.4114,
0.3778


 6.5193, 0.5823,
0.4073


 28.8925, 0.4939,
0.4027

 3.1634, 0.6129,
0.3871

 41.7332, 0.4754,
0.3987


 1.2176, 0.6526,
0.3474

 57.9062, 0.4600,
0.3946

 0.0760, 0.9121,
0.0879

 77.7957, 0.4470,
0.3907

 0.0000, 0.0000,
0.0000

 101.7862, 0.4360,
0.3870

 130.2621, 0.4266,

0.3837

■ 163.6077, 0.4185,
0.3806

■ 11.6699, 0.5433,
0.4068

■ 11.6699, 0.5433,
0.4068

■ 11.6693, 0.5433,
0.4068

■ 12.8280, 0.5212,
0.4118

■ 14.1488, 0.4966,
0.4128

■ 15.6493, 0.4695,
0.4089

■ 17.3387, 0.4419,
0.4011

■ 19.2249, 0.4150,
0.3906

■ 21.3157, 0.3898,
0.3786

■ 23.6179, 0.3669,
0.3658

■ 26.1382, 0.3465,
0.3531

■ 28.8828, 0.3285,
0.3407

Harmonies

Analogous

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



11.6699, 0.5485, 0.3279



11.6699, 0.5433, 0.4068



11.6699, 0.4708, 0.4945

Triad

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



11.6699, 0.5433, 0.4068



11.6699, 0.1673, 0.3995



11.6699, 0.2168, 0.1628

Complementary

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



11.6699, 0.5433, 0.4068



7.8936, 0.1794, 0.1657

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.



11.6699, 0.1485, 0.1565



11.6699, 0.5433, 0.4068



11.6699, 0.1228, 0.2596

Square

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



11.6699, 0.5433, 0.4068



11.6699, 0.2567, 0.5413



11.6699, 0.1188, 0.1835



11.6699, 0.3299, 0.1975

Rectangle

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



11.6699, 0.5433, 0.4068



11.6699, 0.4031, 0.5469



11.6699, 0.1188, 0.1835



11.6699, 0.1891, 0.1574

Sweetspot

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



11.6705, 0.5433, 0.4068



42.0373, 0.3682, 0.3666



7.3380, 0.4859, 0.2450



8.9236, 0.3768, 0.3716



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.



11.6705, 0.5433, 0.4068



20.5299, 0.5463, 0.4045



28.7287, 0.4222, 0.5030



6.6910, 0.3272, 0.3398



9.7109, 0.5422, 0.4077



0.2175, 0.4809, 0.4563

Inverse Universe

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



7.8936, 0.1794, 0.1657



13.7607, 0.1785, 0.1624



2.3557, 0.1504, 0.0613



6.5274, 0.2989, 0.3180



6.5900, 0.1797, 0.1669



0.1713, 0.2002, 0.2407

Previews

White Background



This preview shows how the Yxy color 11.6699, 0.5433, 0.4068 looks on a white background.

Color Contrast Check

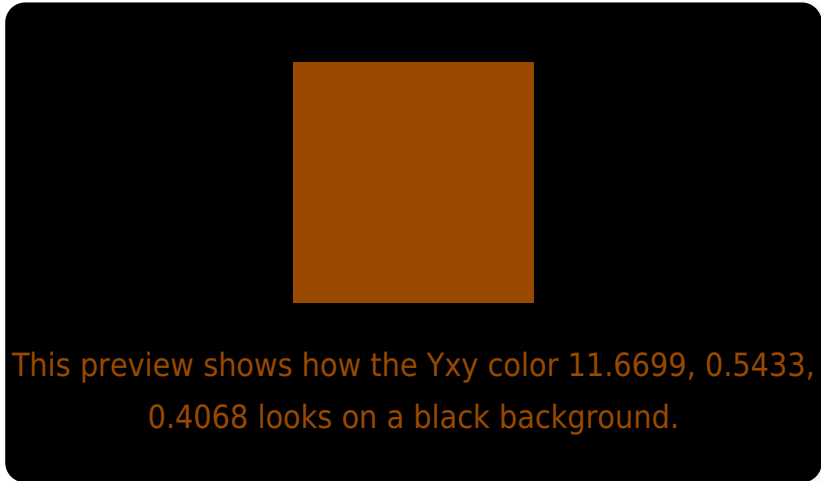
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6699, 0.5433, 0.4068

Background



This preview shows how black text looks on a background with the Yxy color 11.6699, 0.5433, 0.4068.



This preview shows how white text looks on a background with the Yxy color 11.6699, 0.5433, 0.4068.

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

11.6699, 0.5433, 0.4068

Protanopia

11.8323, 0.4328, 0.4804

Deuteranopia

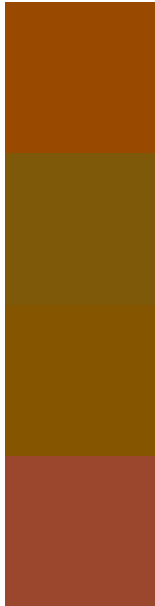
11.7919, 0.4686, 0.4661



Tritanopia

11.7058, 0.4651, 0.3231

Trichromacy



Original Color

11.6699, 0.5433, 0.4068

Protanomaly

11.5245, 0.4746, 0.4528

Deuteranomaly

11.4835, 0.4981, 0.4427

Tritanomaly

11.5738, 0.5083, 0.3660

Monochromacy



Original Color

11.6699, 0.5433, 0.4068

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.0808, 0.4084, 0.3888

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6699, 0.5433, 0.4068 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, 74, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 74, 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, 74, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 74, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.6699, 0.5433, 0.4068 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, 74, 0) }
```

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

```
.border{ border-color:rgb(153, 74, 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, 74, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 74, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 74, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 74, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.6699, 0.5433, 0.4068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 74, 0) }
```

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

```
.background{ background-color: rgb(153, 74,  
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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