

Converting Colors

$Y_{xy}(11.4076, 0.5471, 0.4038)$

Have a look what the booklet for
Yxy(11.4076, 0.5471, 0.4038)
contains.

Yxy(11.4070, 0.5471, 0.4038)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.4070, 0.5471, 0.4038)

Conversions

Conversions Part 1

Format	Color
Hex	994800
RGB	153, 72, 0
RGB Percent	60%, 28%, 0%
CMY	0.4000, 0.7176, 1.0000
CMYK	0.00, 0.53, 1.00, 0.40
HSL	28°, 100%, 30%
HSV	28°, 100%, 60%
XYZ	15.4551, 11.4070, 1.3870
YIQ	88.0110, 71.3880, -5.2200

Conversions

Conversions Part 2

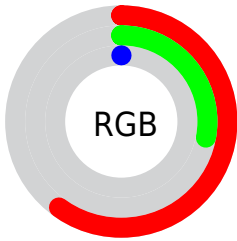
Format	Color
R_{YB}	153, 136, 0
Decimal	10045440
CIE _{Lab}	40.26, 30.42, 50.29
CIE _{LCh}	40, 58.770, 58.831
Yxy	11.4070, 0.5471, 0.4038
Android (android.graphics.Color)	4288235520 (0xFF994800)
YUV	88.0110, -43.3894, 56.9954
Hunter-Lab	33.7743, 22.5767, 21.2071

Details

The Yxy color **11.4070, 0.5471, 0.4038** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.1858, 0.1806, 0.1700**, and the grayscale version is **9.8466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3410, 0.4966, 0.4011**, and **3.0862, 0.5963, 0.3647** is the 20% darker color. If you saturate the color by 10%, you get **11.4076, 0.5471, 0.4038**, and if you desaturate by 10%, it is **12.5603, 0.5245, 0.4091**.

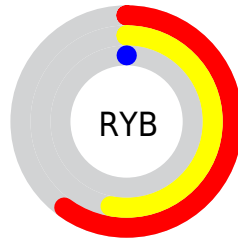
Distribution



Red (60%)

Green (28%)

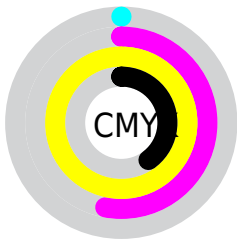
Blue (0%)



Red (60%)

Yellow (53%)

Blue (0%)

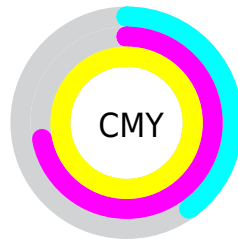


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (40%)



Cyan (40%)


Magenta (72%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4070, 0.5471, 0.4038 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 11.4070, 0.5471, 0.4038 by changing the saturation by 10% instead.


 11.4070, 0.5471,
0.4038


 11.4070, 0.5471,
0.4038


 200.4389, 0.4126,
0.3769


 6.3413, 0.5877,
0.4039


 28.4104, 0.4966,
0.4007


 3.0537, 0.6184,
0.3816

 41.1168, 0.4777,
0.3970

 1.1598, 0.6600,
0.3400

 57.1389, 0.4620,
0.3931

 0.0285, 0.9643,
0.0357

 76.8612, 0.4488,
0.3893


 0.0000, 0.0000,
0.0000


 100.6679, 0.4376,
0.3858


 128.9435, 0.4280,

0.3825

 162.0724, 0.4198,
0.3796

 11.4070, 0.5471,
0.4038


 11.4070, 0.5471,
0.4038


 11.4076, 0.5471,
0.4038

 12.5603, 0.5245,
0.4091

 13.8823, 0.4992,
0.4104

 15.3903, 0.4715,
0.4068

 17.0938, 0.4432,
0.3993

 19.0014, 0.4159,
0.3891

■ 21.1208, 0.3904,
0.3773

■ 23.4593, 0.3672,
0.3649

■ 26.0239, 0.3466,
0.3525

■ 28.8212, 0.3285,
0.3404

Harmonies

Analogous

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



11.4070, 0.5499, 0.3247



11.4070, 0.5471, 0.4038



11.4070, 0.4752, 0.4926

Triad

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



11.4070, 0.5471, 0.4038



11.4070, 0.1679, 0.4061



11.4070, 0.2126, 0.1605

Complementary

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



11.4070, 0.5471, 0.4038



8.1858, 0.1806, 0.1700

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.



11.4070, 0.1453, 0.1552



11.4070, 0.5471, 0.4038



11.4070, 0.1218, 0.2622

Square

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



11.4070, 0.5471, 0.4038



11.4070, 0.2593, 0.5478



11.4070, 0.1167, 0.1836



11.4070, 0.3254, 0.1945

Rectangle

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



11.4070, 0.5471, 0.4038



11.4070, 0.4070, 0.5468



11.4070, 0.1167, 0.1836



11.4070, 0.1852, 0.1554

Sweetspot

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



11.4076, 0.5471, 0.4038



41.7500, 0.3685, 0.3656



7.3761, 0.4790, 0.2412



8.8544, 0.3772, 0.3704



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.



11.4076, 0.5471, 0.4038



20.0623, 0.5501, 0.4014



27.9231, 0.4251, 0.5006



6.6780, 0.3272, 0.3395



9.4933, 0.5459, 0.4047



0.2139, 0.4832, 0.4545

Inverse Universe

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



8.1858, 0.1806, 0.1700



14.2839, 0.1797, 0.1669



2.4108, 0.1507, 0.0626



6.5405, 0.2989, 0.3183



6.8322, 0.1809, 0.1712



0.1750, 0.2010, 0.2437

Previews

White Background



This preview shows how the Yxy color 11.4070, 0.5471, 0.4038 looks on a white background.

Color Contrast Check

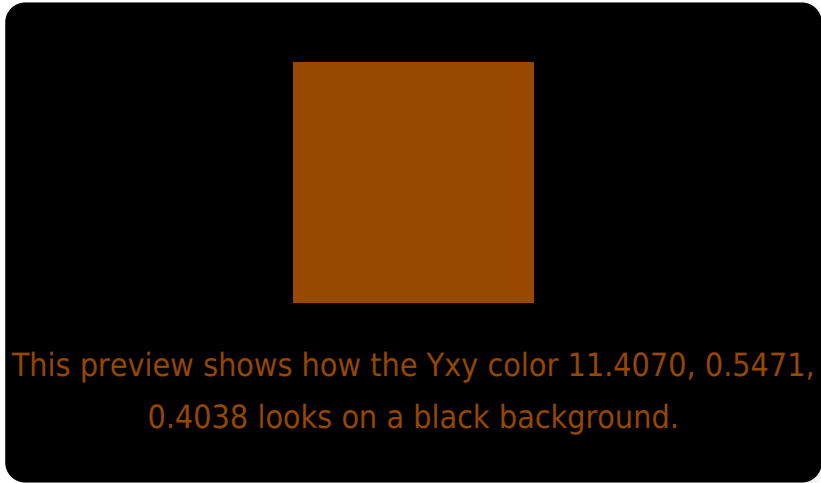
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4070, 0.5471, 0.4038

Background



This preview shows how black text looks on a background with the Yxy color 11.4070, 0.5471, 0.4038.



This preview shows how white text looks on a background with the Yxy color 11.4070, 0.5471, 0.4038.

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

11.4070, 0.5471, 0.4038

Protanopia

11.5856, 0.4329, 0.4801

Deuteranopia

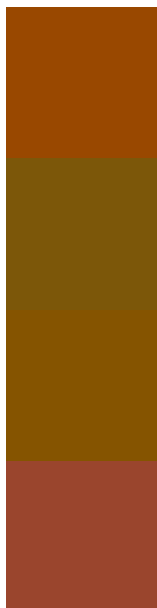
11.5471, 0.4690, 0.4658



Tritanopia

11.4378, 0.4708, 0.3232

Trichromacy



Original Color

11.4070, 0.5471, 0.4038

Protanomaly

11.1212, 0.4770, 0.4507

Deuteranomaly

11.3272, 0.5001, 0.4411

Tritanomaly

11.3157, 0.5126, 0.3642

Monochromacy



Original Color

11.4070, 0.5471, 0.4038

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

9.7649, 0.4123, 0.3866

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4070, 0.5471, 0.4038 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, 72, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 72, 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, 72, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 72, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.4070, 0.5471, 0.4038 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, 72, 0) }
```

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

```
.border{ border-color:rgb(153, 72, 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, 72, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 72, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 72, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 72, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.4070, 0.5471, 0.4038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 72, 0) }
```

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

```
.background{ background-color: rgb(153, 72,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor