

Converting Colors

$Y_{xy}(11.4580, 0.5076, 0.4338)$

Have a look what the booklet for
Yxy(11.4580, 0.5076, 0.4338)
contains.

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Color

Yxy(11.5071, 0.5069, 0.4348)

Conversions

Conversions Part 1

Format	Color
Hex	895301
RGB	137, 83, 1
RGB Percent	54%, 33%, 0%
CMY	0.4627, 0.6745, 0.9960
CMYK	0.00, 0.39, 0.99, 0.46
HSL	36°, 99%, 27%
HSV	36°, 99%, 54%
XYZ	13.4152, 11.5071, 1.5429
YIQ	89.7980, 58.5060, -14.0540

Conversions

Conversions Part 2

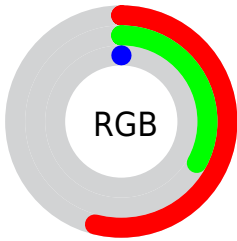
Format	Color
RYB	91, 137, 1
Decimal	8999681
CIELab	40.42, 17.13, 48.88
CIELCh	40, 51.797, 70.685
Yxy	11.5071, 0.5069, 0.4348
Android (android.graphics.Color)	4287189761 (0xFF895301)
YUV	89.7980, -43.7774, 41.3962
Hunter-Lab	33.9221, 11.2280, 21.0487

Details

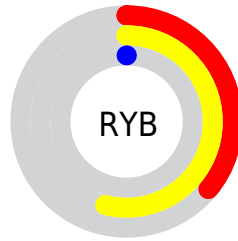
The Yxy color **11.5071, 0.5069, 0.4348** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.5454, 0.1700, 0.1311**, and the grayscale version is **10.2675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6726, 0.4649, 0.4214**, and **3.1356, 0.5369, 0.4119** is the 20% darker color. If you saturate the color by 10%, you get **11.4443, 0.5082, 0.4347**, and if you desaturate by 10%, it is **12.4045, 0.4898, 0.4363**.

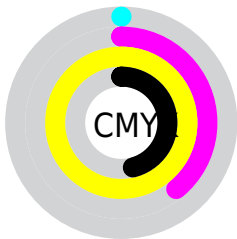
Distribution



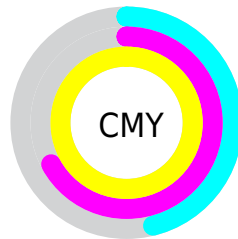
- Red (54%)
- Green (33%)
- Blue (0%)



- Red (36%)
- Yellow (54%)
- Blue (0%)



- Cyan (0%)
- Magenta (39%)
- Yellow (99%)
- Black (46%)





- Cyan (46%)
- Magenta (67%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5071, 0.5069, 0.4348 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 11.5071, 0.5069, 0.4348 by changing the saturation by 10% instead.


 11.5071, 0.5069,
0.4348


 11.5071, 0.5069,
0.4348


 201.1143, 0.3960,
0.3845


 6.4090, 0.5393,
0.4434


 28.5941, 0.4654,
0.4206


 3.0953, 0.5646,
0.4354

 41.3519, 0.4498,
0.4136


 1.1817, 0.5914,
0.4086

 57.4316, 0.4369,
0.4072

 0.0467, 0.9083,
0.0917

 77.2178, 0.4260,
0.4015


 0.0000, 0.0000,
0.0000

 101.0947, 0.4167,
0.3964


 129.4469, 0.4088,

0.3920


 162.6586, 0.4020,
0.3880


 11.5071, 0.5069,
0.4348


 11.5071, 0.5069,
0.4348


 11.4443, 0.5082,
0.4347

 12.4045, 0.4898,
0.4363

 13.3888, 0.4707,
0.4339

 14.4713, 0.4493,
0.4270

 15.6568, 0.4269,
0.4164

 16.9499, 0.4044,
0.4032

■ 18.3544, 0.3828,
0.3884

■ 19.8742, 0.3624,
0.3729

■ 21.5127, 0.3438,
0.3574

■ 23.2731, 0.3268,
0.3423

Harmonies

Analogous

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



11.5071, 0.5334, 0.3581



11.5071, 0.5069, 0.4348



11.5071, 0.4297, 0.5101

Triad

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



11.5071, 0.5069, 0.4348



11.5071, 0.1612, 0.3432



11.5071, 0.2592, 0.1846

Complementary

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



11.5071, 0.5069, 0.4348



4.5454, 0.1700, 0.1311

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.



11.5071, 0.1805, 0.1690



11.5071, 0.5069, 0.4348



11.5071, 0.1327, 0.2369

Square

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



11.5071, 0.5069, 0.4348



11.5071, 0.2316, 0.4776



11.5071, 0.1399, 0.1833



11.5071, 0.3727, 0.2264

Rectangle

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



11.5071, 0.5069, 0.4348



11.5071, 0.3645, 0.5416



11.5071, 0.1399, 0.1833



11.5071, 0.2285, 0.1764

Sweetspot

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



11.5077, 0.5069, 0.4348



35.1982, 0.3652, 0.3751



5.6199, 0.5297, 0.2700



7.6699, 0.3725, 0.3807



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



11.5077, 0.5069, 0.4348



20.1708, 0.5106, 0.4328



22.1338, 0.4022, 0.5183



5.5172, 0.3267, 0.3422



10.6842, 0.5079, 0.4350



0.0997, 0.4608, 0.4724

Inverse Universe

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



4.5454, 0.1700, 0.1311



7.7249, 0.1683, 0.1258



1.9263, 0.1550, 0.0633



5.1969, 0.2991, 0.3155



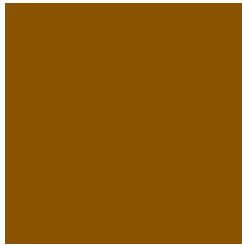
4.1967, 0.1695, 0.1302



0.0551, 0.1924, 0.2125

Previews

White Background



This preview shows how the Yxy color 11.5071, 0.5069, 0.4348 looks on a white background.

Color Contrast Check

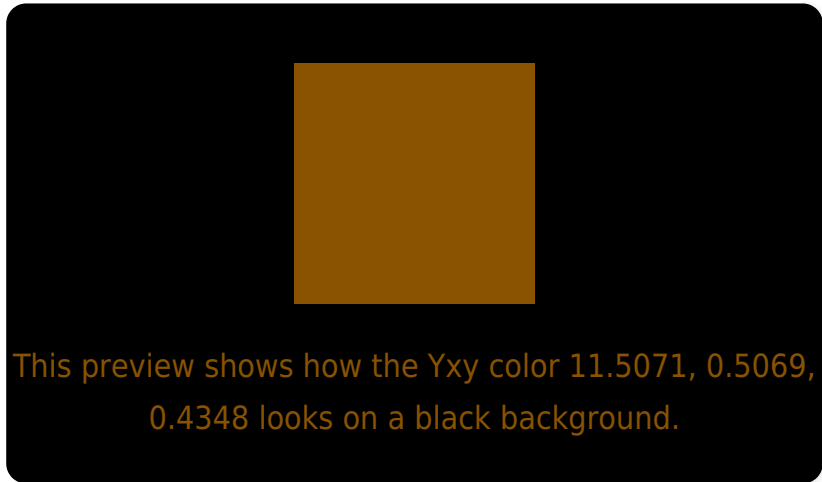
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5071, 0.5069, 0.4348

Background



This preview shows how black text looks on a background with the Yxy color 11.5071, 0.5069, 0.4348.



This preview shows how white text looks on a background with the Yxy color 11.5071, 0.5069, 0.4348.

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

11.5071, 0.5069, 0.4348

Protanopia

11.5758, 0.4348, 0.4829

Deuteranopia

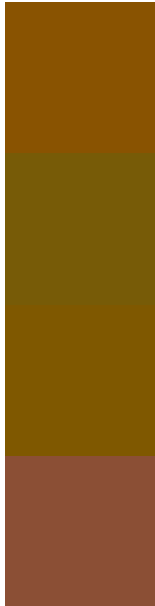
11.5471, 0.4690, 0.4658



Tritanopia

11.5077, 0.4158, 0.3183

Trichromacy



Original Color

11.5071, 0.5069, 0.4348

Protanomaly

11.4194, 0.4627, 0.4640

Deuteranomaly

11.4915, 0.4838, 0.4541

Tritanomaly

11.3380, 0.4658, 0.3750

Monochromacy



Original Color

11.5071, 0.5069, 0.4348

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.2477, 0.3948, 0.3953

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5071, 0.5069, 0.4348 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(137, 83, 1)` looks like.

```
.text, #text, p{  
    color:rgb(137, 83, 1)  
}
```

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(137, 83, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 83, 1) }
```

Border

The CSS property to change the border of an element to Yxy 11.5071, 0.5069, 0.4348 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(137, 83, 1) }
```

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

```
.border{ border-color:rgb(137, 83, 1) }
```

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

Here you see how a box with a 4 pixel rgb(137, 83, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 83, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 83, 1);  
box-shadow:4px 4px 4px 4px rgb(137, 83, 1)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.5071, 0.5069, 0.4348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 83, 1) }
```

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

```
.background{ background-color: rgb(137, 83,  
1) }
```

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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