

Converting Colors

$Y_{xy}(11.4442, 0.5160, 0.4285)$

Have a look what the booklet for
Yxy(11.4442, 0.5160, 0.4285)
contains.

Yxy(11.4603, 0.5152, 0.4291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.4603, 0.5152, 0.4291)

Conversions

Conversions Part 1

Format	Color
Hex	8C5100
RGB	140, 81, 0
RGB Percent	55%, 32%, 0%
CMY	0.4509, 0.6824, 0.9999
CMYK	0.00, 0.42, 1.00, 0.45
HSL	35°, 100%, 27%
HSV	35°, 100%, 55%
XYZ	13.7598, 11.4603, 1.4876
YIQ	89.4070, 61.1650, -12.6830

Conversions

Conversions Part 2

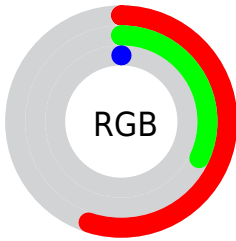
Format	Color
R_{YB}	102, 140, 0
Decimal	9195776
CIE Lab	40.35, 19.67, 49.33
CIE LCh	40, 53.112, 68.260
Yxy	11.4603, 0.5152, 0.4291
Android (android.graphics.Color)	4287385856 (0xFF8C5100)
YUV	89.4070, -44.0777, 44.3701
Hunter-Lab	33.8531, 13.3098, 21.0917

Details

The Yxy color **11.4603, 0.5152, 0.4291** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.0275, 0.1713, 0.1367**, and the grayscale version is **10.1758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6602, 0.4720, 0.4177**, and **3.1466, 0.5486, 0.4026** is the 20% darker color. If you saturate the color by 10%, you get **11.4589, 0.5152, 0.4291**, and if you desaturate by 10%, it is **12.4085, 0.4971, 0.4314**.

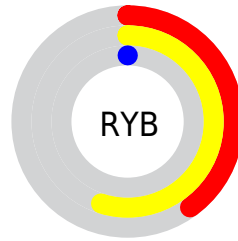
Distribution



Red (55%)

Green (32%)

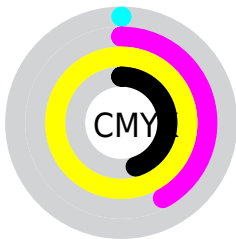
Blue (0%)



Red (40%)

Yellow (55%)

Blue (0%)

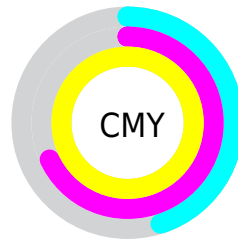


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (45%)



Cyan (45%)


Magenta (68%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4603, 0.5152, 0.4291 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 11.4603, 0.5152, 0.4291 by changing the saturation by 10% instead.


 11.4603, 0.5152,
0.4291


 11.4603, 0.5152,
0.4291


 200.7988, 0.3994,
0.3833


 6.3773, 0.5495,
0.4362


 28.5083, 0.4719,
0.4171


 3.0759, 0.5754,
0.4246

 41.2420, 0.4556,
0.4107


 1.1715, 0.6055,
0.3945


 57.2949, 0.4421,
0.4048

 0.0382, 0.9311,
0.0689

 77.0512, 0.4307,
0.3995


 0.0000, 0.0000,
0.0000


 100.8953, 0.4210,
0.3947


 129.2117, 0.4128,


0.3904

 162.3848, 0.4057,
0.3867


 11.4603, 0.5152,
0.4291


 11.4603, 0.5152,
0.4291


 11.4589, 0.5152,
0.4291

 12.4085, 0.4971,
0.4314

 13.4547, 0.4770,
0.4300

 14.6121, 0.4546,
0.4239

 15.8862, 0.4312,
0.4140

 17.2821, 0.4078,
0.4014

■ 18.8043, 0.3854,
0.3873

■ 20.4569, 0.3645,
0.3724

■ 22.2440, 0.3453,
0.3574

■ 24.1693, 0.3281,
0.3428

Harmonies

Analogous

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



11.4603, 0.5376, 0.3516



11.4603, 0.5152, 0.4291



11.4603, 0.4386, 0.5079

Triad

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



11.4603, 0.5152, 0.4291



11.4603, 0.1620, 0.3542



11.4603, 0.2498, 0.1795

Complementary

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



11.4603, 0.5152, 0.4291



5.0275, 0.1713, 0.1367

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.



11.4603, 0.1730, 0.1659



11.4603, 0.5152, 0.4291



11.4603, 0.1301, 0.2409

Square

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



11.4603, 0.5152, 0.4291



11.4603, 0.2365, 0.4918



11.4603, 0.1349, 0.1828



11.4603, 0.3639, 0.2198

Rectangle

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



11.4603, 0.5152, 0.4291



11.4603, 0.3729, 0.5445



11.4603, 0.1349, 0.1828



11.4603, 0.2195, 0.1719

Sweetspot

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



11.4609, 0.5152, 0.4291



35.8599, 0.3658, 0.3733



5.9111, 0.5188, 0.2632



8.0080, 0.3734, 0.3789



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.



11.4609, 0.5152, 0.4291



19.8748, 0.5177, 0.4271



23.5610, 0.4080, 0.5143



5.4974, 0.3267, 0.3416



10.2188, 0.5146, 0.4296



0.0969, 0.4643, 0.4696

Inverse Universe

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



5.0275, 0.1713, 0.1367



8.5536, 0.1703, 0.1330



1.9550, 0.1528, 0.0616



5.2163, 0.2991, 0.3160



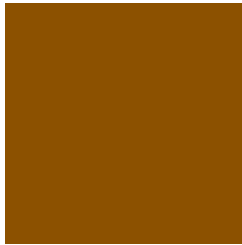
4.5019, 0.1715, 0.1375



0.0579, 0.1942, 0.2191

Previews

White Background



This preview shows how the Yxy color 11.4603, 0.5152, 0.4291 looks on a white background.

Color Contrast Check

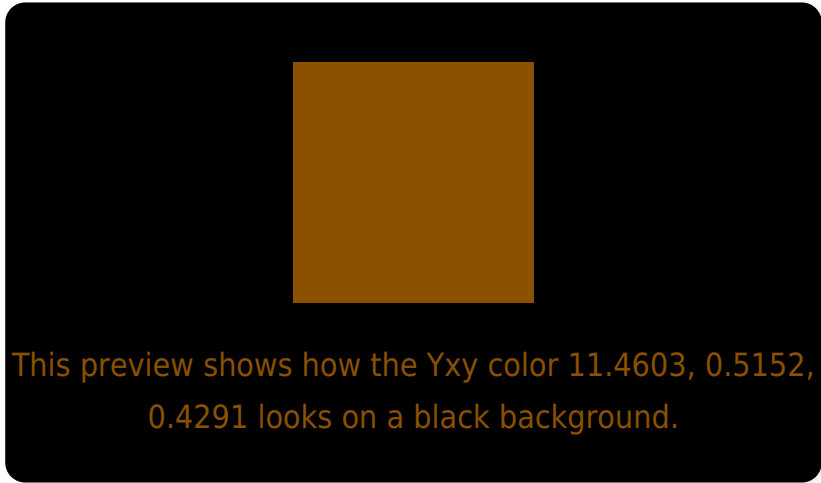
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4603, 0.5152, 0.4291

Background



This preview shows how black text looks on a background with the Yxy color 11.4603, 0.5152, 0.4291.



This preview shows how white text looks on a background with the Yxy color 11.4603, 0.5152, 0.4291.

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

11.4603, 0.5152, 0.4291

Protanopia

11.5780, 0.4343, 0.4823

Deuteranopia

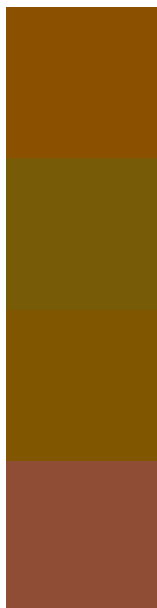
11.5471, 0.4690, 0.4658



Tritanopia

11.4659, 0.4260, 0.3186

Trichromacy



Original Color

11.4603, 0.5152, 0.4291

Protanomaly

11.4906, 0.4642, 0.4628

Deuteranomaly

11.4056, 0.4872, 0.4514

Tritanomaly

11.3065, 0.4745, 0.3718

Monochromacy



Original Color

11.4603, 0.5152, 0.4291

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.1391, 0.3992, 0.3949

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4603, 0.5152, 0.4291 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(140, 81, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 81, 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(140, 81, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 81, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.4603, 0.5152, 0.4291 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(140, 81, 0) }
```

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

```
.border{ border-color:rgb(140, 81, 0) }
```

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

Here you see how a box with a 4 pixel rgb(140, 81, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 81, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 81, 0);  
box-shadow:4px 4px 4px 4px rgb(140, 81, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.4603, 0.5152, 0.4291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 81, 0) }
```

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

```
.background{ background-color: rgb(140, 81,  
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