

Converting Colors

$Y_{xy}(11.5143, 0.4907, 0.4486)$

Have a look what the booklet for
Yxy(11.5143, 0.4907, 0.4486)
contains.

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Color

Yxy(11.5622, 0.4900, 0.4491)

Conversions

Conversions Part 1

Format	Color
Hex	825700
RGB	130, 87, 0
RGB Percent	51%, 34%, 0%
CMY	0.4902, 0.6588, 0.9998
CMYK	0.00, 0.33, 1.00, 0.49
HSL	40°, 100%, 25%
HSV	40°, 100%, 51%
XYZ	12.6152, 11.5622, 1.5679
YIQ	89.9390, 53.5550, -17.9410

Conversions

Conversions Part 2

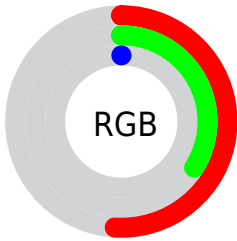
Format	Color
RYB	64, 130, 0
Decimal	8541952
CIELab	40.51, 11.46, 48.78
CIELCh	41, 50.105, 76.775
Yxy	11.5622, 0.4900, 0.4491
Android (android.graphics.Color)	4286732032 (0xFF825700)
YUV	89.9390, -44.3399, 35.1335
Hunter-Lab	34.0032, 6.7177, 21.0684

Details

The Yxy color **11.5622, 0.4900, 0.4491** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **3.3435, 0.1646, 0.1124**, and the grayscale version is **10.3037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7515, 0.4520, 0.4307**, and **3.1518, 0.5114, 0.4322** is the 20% darker color. If you saturate the color by 10%, you get **11.5605, 0.4900, 0.4491**, and if you desaturate by 10%, it is **12.3094, 0.4757, 0.4488**.

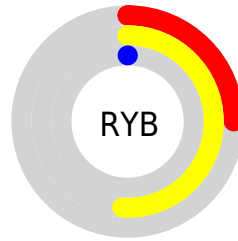
Distribution



Red (51%)

Green (34%)

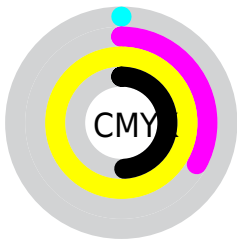
Blue (0%)



Red (25%)

Yellow (51%)

Blue (0%)

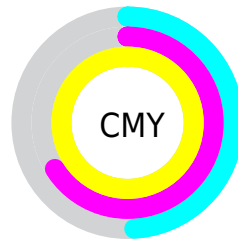


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (49%)



Cyan (49%)


Magenta (66%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5622, 0.4900, 0.4491 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 11.5622, 0.4900, 0.4491 by changing the saturation by 10% instead.


 11.5622, 0.4900,
0.4491


 11.5622, 0.4900,
0.4491


 201.4850, 0.3895,
0.3883


 6.4463, 0.5188,
0.4620


 28.6952, 0.4528,
0.4300


 3.1183, 0.5399,
0.4601

 41.4811, 0.4387,
0.4215

 1.1938, 0.5587,
0.4413

 57.5924, 0.4269,
0.4139

 0.0566, 0.8549,
0.1451


 77.4137, 0.4169,
0.4074

 0.0000, 0.0000,
0.0000

 101.3291, 0.4085,
0.4016


 129.7232, 0.4013,


0.3966


 162.9804, 0.3950,
0.3922


 11.5622, 0.4900,
0.4491


 11.5622, 0.4900,
0.4491


 11.5605, 0.4900,
0.4491

 12.3094, 0.4757,
0.4488

 13.1148, 0.4597,
0.4453

 13.9895, 0.4414,
0.4373

 14.9373, 0.4217,
0.4256

 15.9616, 0.4014,
0.4113

■ 17.0655, 0.3814,
0.3953

■ 18.2518, 0.3622,
0.3784

■ 19.5231, 0.3443,
0.3614

■ 20.8818, 0.3277,
0.3448

Harmonies

Analogous

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



11.5622, 0.5271, 0.3735



11.5622, 0.4900, 0.4491



11.5622, 0.4091, 0.5172

Triad

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



11.5622, 0.4900, 0.4491



11.5622, 0.1567, 0.3183



11.5622, 0.2813, 0.1947

Complementary

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



11.5622, 0.4900, 0.4491



3.3435, 0.1646, 0.1124

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.



11.5622, 0.1966, 0.1739



11.5622, 0.4900, 0.4491



11.5622, 0.1360, 0.2257

Square

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



11.5622, 0.4900, 0.4491



11.5622, 0.2176, 0.4476



11.5622, 0.1495, 0.1818



11.5622, 0.3947, 0.2402

Rectangle

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



11.5622, 0.4900, 0.4491



11.5622, 0.3441, 0.5370



11.5622, 0.1495, 0.1818



11.5622, 0.2489, 0.1848

Sweetspot

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



11.5628, 0.4900, 0.4491



31.9856, 0.3636, 0.3796



4.9244, 0.5566, 0.2840



7.0710, 0.3702, 0.3856



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



11.5628, 0.4900, 0.4491



20.0805, 0.4920, 0.4476



19.1773, 0.3910, 0.5277



4.7871, 0.3263, 0.3434



11.0961, 0.4899, 0.4492



0.0000, 0.0000, 0.0000

Inverse Universe

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



3.3435, 0.1646, 0.1124



5.6371, 0.1635, 0.1085



1.7800, 0.1591, 0.0650



4.4262, 0.2993, 0.3142



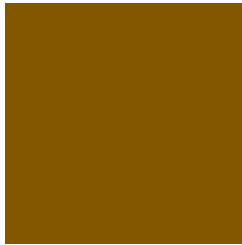
3.2149, 0.1646, 0.1127



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 11.5622, 0.4900, 0.4491 looks on a white background.

Color Contrast Check

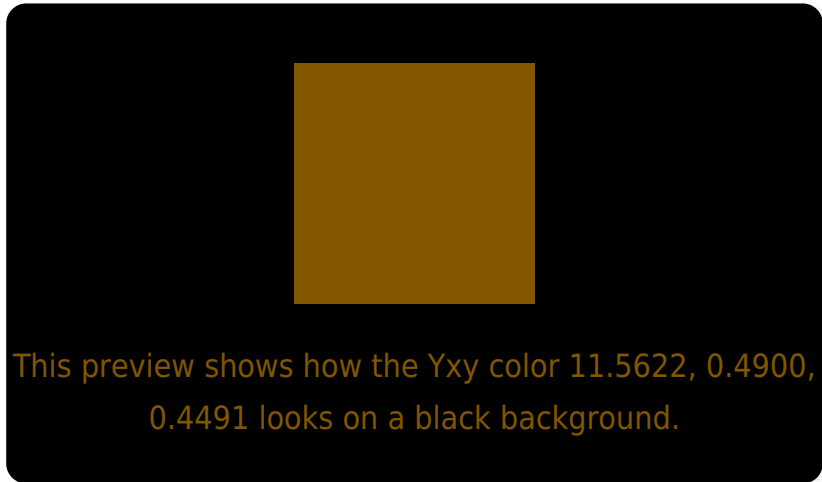
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5622, 0.4900, 0.4491

Background



This preview shows how black text looks on a background with the Yxy color 11.5622, 0.4900, 0.4491.



This preview shows how white text looks on a background with the Yxy color 11.5622, 0.4900, 0.4491.

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

11.5622, 0.4900, 0.4491

Protanopia

11.5736, 0.4352, 0.4836

Deuteranopia

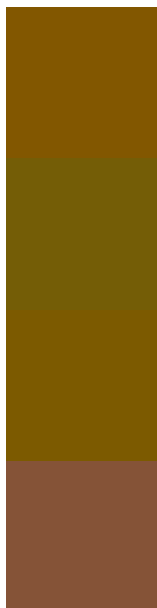
11.5471, 0.4690, 0.4658



Tritanopia

11.6413, 0.3956, 0.3178

Trichromacy



Original Color

11.5622, 0.4900, 0.4491

Protanomaly

11.5549, 0.4547, 0.4713

Deuteranomaly

11.5974, 0.4754, 0.4607

Tritanomaly

11.4489, 0.4482, 0.3814

Monochromacy



Original Color

11.5622, 0.4900, 0.4491

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.4434, 0.3909, 0.4027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5622, 0.4900, 0.4491 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(130, 87, 0)` looks like.

```
.text, #text, p{  
    color:rgb(130, 87, 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(130, 87, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 87, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.5622, 0.4900, 0.4491 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(130, 87, 0) }
```

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

```
.border{ border-color:rgb(130, 87, 0) }
```

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

Here you see how a box with a 4 pixel rgb(130, 87, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 87, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 87, 0);  
box-shadow:4px 4px 4px 4px rgb(130, 87, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.5622, 0.4900, 0.4491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 87, 0) }
```

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

```
.background{ background-color: rgb(130, 87,  
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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