

Converting Colors

$Y_{xy}(11.1948, 0.4681, 0.4502)$

Have a look what the booklet for
Yxy(11.1948, 0.4681, 0.4502)
contains.

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Color

Yxy(11.1544, 0.4682, 0.4499)

Conversions

Conversions Part 1

Format	Color
Hex	7A5810
RGB	122, 88, 16
RGB Percent	48%, 35%, 6%
CMY	0.5216, 0.6549, 0.9373
CMYK	0.00, 0.28, 0.87, 0.52
HSL	41°, 77%, 27%
HSV	41°, 87%, 48%
XYZ	11.6081, 11.1544, 2.0306
YIQ	89.9580, 43.3760, -15.1840

Conversions

Conversions Part 2

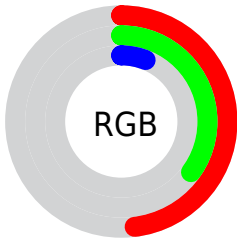
Format	Color
R_{YB}	66, 122, 16
Decimal	8017936
CIE Lab	39.84, 7.39, 43.24
CIE LCh	40, 43.864, 80.307
Yxy	11.1544, 0.4682, 0.4499
Android (android.graphics.Color)	4286208016 (0xFF7A5810)
YUV	89.9580, -36.4613, 28.1008
Hunter-Lab	33.3982, 3.5939, 19.7740

Details

The Yxy color **11.1544, 0.4682, 0.4499** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3.7929, 0.1766, 0.1377**, and the grayscale version is **10.2903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0353, 0.4338, 0.4278**, and **2.9930, 0.4942, 0.4458** is the 20% darker color. If you saturate the color by 10%, you get **10.5009, 0.4823, 0.4513**, and if you desaturate by 10%, it is **11.8617, 0.4519, 0.4446**.

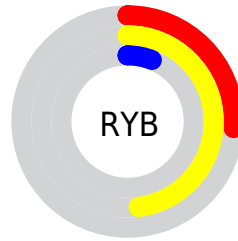
Distribution



Red (48%)

Green (35%)

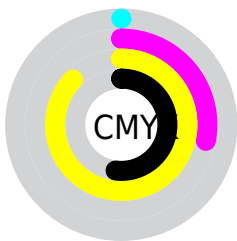
Blue (6%)



Red (26%)

Yellow (48%)

Blue (6%)

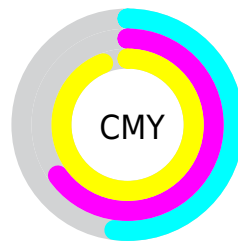


Cyan (0%)

Magenta (28%)

Yellow (87%)

Black (52%)



Cyan (52%)


Magenta (65%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1544, 0.4682, 0.4499 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 11.1544, 0.4682, 0.4499 by changing the saturation by 10% instead.


 11.1544, 0.4682,
0.4499


 11.1544, 0.4682,
0.4499


198.7238, 0.3782,
0.3842


 6.1708, 0.4926,
0.4642

 27.9453, 0.4338,
0.4268


 2.9492, 0.5223,
0.4777

 40.5214, 0.4211,
0.4176


 1.1053, 0.5354,
0.4646

 56.3971, 0.4107,
0.4097

 0.0000, 1.0000,
0.0000


 75.9569, 0.4020,
0.4030

 0.0000, 0.0000,
0.0000

 99.5850, 0.3946,
0.3973

 127.6659, 0.3883,

0.3923


 160.5841, 0.3829,
0.3880

 11.1544, 0.4682,
0.4499


 11.1544, 0.4682,
0.4499

 10.5009, 0.4823,
0.4513


 11.8617, 0.4519,
0.4446

 10.3058, 0.4868,
0.4516

 12.6272, 0.4335,
0.4351

 13.4544, 0.4139,
0.4223

 14.3462, 0.3941,
0.4071

 15.3049, 0.3747,
0.3906

■ 16.3329, 0.3561,
0.3735

■ 17.4324, 0.3388,
0.3565

■ 18.6052, 0.3229,
0.3400

■ 19.8534, 0.3084,
0.3242

Harmonies

Analogous

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



11.1544, 0.5046, 0.3816



11.1544, 0.4682, 0.4499



11.1544, 0.3934, 0.5036

Triad

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



11.1544, 0.4682, 0.4499



11.1544, 0.1675, 0.3093



11.1544, 0.2965, 0.2104

Complementary

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



11.1544, 0.4682, 0.4499



3.7929, 0.1766, 0.1377

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.



11.1544, 0.2152, 0.1884



11.1544, 0.4682, 0.4499



11.1544, 0.1512, 0.2305

Square

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



11.1544, 0.4682, 0.4499



11.1544, 0.2203, 0.4199



11.1544, 0.1671, 0.1931



11.1544, 0.3981, 0.2551

Rectangle

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



11.1544, 0.4682, 0.4499



11.1544, 0.3337, 0.5115



11.1544, 0.1671, 0.1931



11.1544, 0.2660, 0.2003

Sweetspot

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



11.1550, 0.4682, 0.4499



28.7908, 0.3556, 0.3731



4.7487, 0.5129, 0.2763



6.4672, 0.3606, 0.3777



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



11.1550, 0.4682, 0.4499



17.8825, 0.4888, 0.4501



16.9163, 0.3902, 0.5158



4.4275, 0.3262, 0.3435



10.8369, 0.4870, 0.4515



50.1044, 0.4915, 0.4480

Inverse Universe

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



3.7929, 0.1766, 0.1377



4.8118, 0.1630, 0.1067



2.1091, 0.1735, 0.0842



4.0840, 0.2994, 0.3141



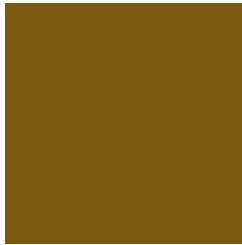
3.0006, 0.1640, 0.1104



12.9305, 0.1615, 0.1015

Previews

White Background



This preview shows how the Yxy color 11.1544, 0.4682, 0.4499 looks on a white background.

Color Contrast Check

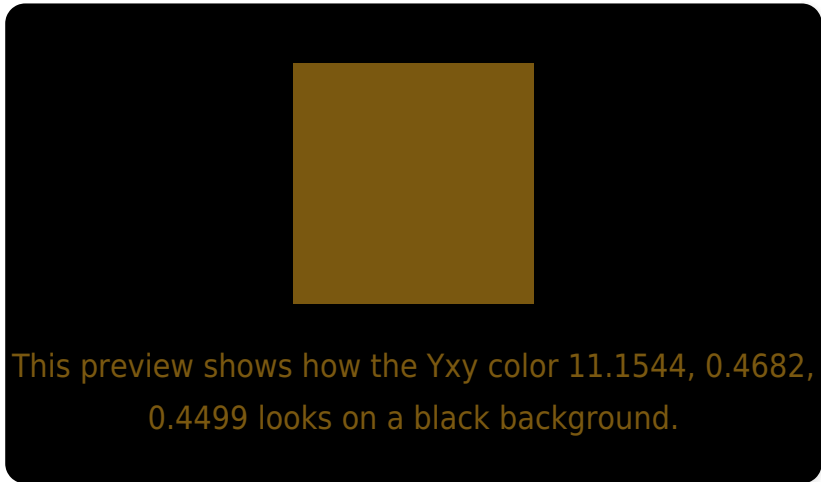
Large Text (above 18pt) WCAG AA ✓ Pass

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

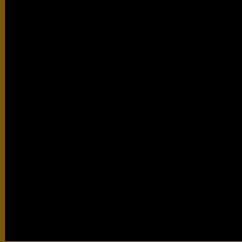
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 11.1544, 0.4682, 0.4499

Background



This preview shows how black text looks on a background with the Yxy color 11.1544, 0.4682, 0.4499.



This preview shows how white text looks on a background with the Yxy color 11.1544, 0.4682, 0.4499.

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

11.1544, 0.4682, 0.4499

Protanopia

11.1133, 0.4305, 0.4758

Deuteranopia

11.1012, 0.4623, 0.4556



Tritanopia

11.1748, 0.3797, 0.3171

Trichromacy



Original Color

11.1544, 0.4682, 0.4499

Protanomaly

11.1395, 0.4445, 0.4667

Deuteranomaly

11.1723, 0.4639, 0.4545

Tritanomaly

11.0484, 0.4225, 0.3735

Monochromacy



Original Color

11.1544, 0.4682, 0.4499

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.3284, 0.3762, 0.3905

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1544, 0.4682, 0.4499 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(122, 88, 16)` looks like.

```
.text, #text, p{  
    color:rgb(122, 88, 16)  
}
```

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(122, 88, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 88, 16) }
```

Border

The CSS property to change the border of an element to Yxy 11.1544, 0.4682, 0.4499 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(122, 88, 16) }
```

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

```
.border{ border-color:rgb(122, 88, 16) }
```

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

Here you see how a box with a 4 pixel rgb(122, 88, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 88, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 88, 16);  
box-shadow:4px 4px 4px 4px rgb(122, 88,  
16) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1544, 0.4682, 0.4499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 88, 16) }
```

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

```
.background{ background-color: rgb(122, 88,  
16) }
```

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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