

Converting Colors

$Y_{xy}(11.5076, 0.4603, 0.4478)$

Have a look what the booklet for
Yxy(11.5076, 0.4603, 0.4478)
contains.

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Color

Yxy(11.5078, 0.4603, 0.4479)

Conversions

Conversions Part 1

Format	Color
Hex	7A5A16
RGB	122, 90, 22
RGB Percent	48%, 35%, 9%
CMY	0.5216, 0.6470, 0.9136
CMYK	0.00, 0.26, 0.82, 0.52
HSL	41°, 69%, 28%
HSV	41°, 82%, 48%
XYZ	11.8264, 11.5078, 2.3586
YIQ	91.8160, 40.9000, -14.3640

Conversions

Conversions Part 2

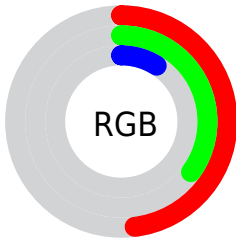
Format	Color
R_{YB}	69, 122, 22
Decimal	8018454
CIE _{Lab}	40.42, 6.42, 41.53
CIE _{LCh}	40, 42.021, 81.219
Yxy	11.5078, 0.4603, 0.4479
Android (android.graphics.Color)	4286208534 (0xFF7A5A16)
YUV	91.8160, -34.4193, 26.4714
Hunter-Lab	33.9231, 2.8637, 19.6239

Details

The Yxy color **11.5078, 0.4603, 0.4479** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4.2161, 0.1823, 0.1488**, and the grayscale version is **10.7326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6761, 0.4276, 0.4247**, and **3.1420, 0.4873, 0.4513** is the 20% darker color. If you saturate the color by 10%, you get **10.8305, 0.4753, 0.4510**, and if you desaturate by 10%, it is **12.2432, 0.4429, 0.4404**.

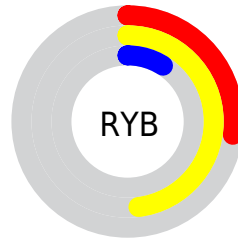
Distribution



Red (48%)

Green (35%)

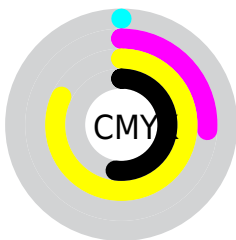
Blue (9%)



Red (27%)

Yellow (48%)

Blue (9%)

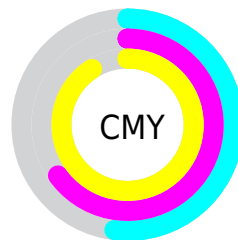


Cyan (0%)

Magenta (26%)

Yellow (82%)

Black (52%)



Cyan (52%)


Magenta (65%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5078, 0.4603, 0.4479 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 11.5078, 0.4603, 0.4479 by changing the saturation by 10% instead.


 11.5078, 0.4603,
0.4479


 11.5078, 0.4603,
0.4479


201.1190, 0.3747,
0.3824


 6.4095, 0.4828,
0.4621


 28.5954, 0.4273,
0.4243


 3.0956, 0.5173,
0.4827

 41.3535, 0.4153,
0.4151

 1.1819, 0.5284,
0.4716

 57.4337, 0.4054,
0.4074

 0.0468, 0.8112,
0.1888

 77.2203, 0.3971,
0.4008


 0.0000, 0.0000,
0.0000

 101.0977, 0.3902,
0.3952


 129.4504, 0.3843,


0.3903


 162.6627, 0.3791,
0.3861


 11.5078, 0.4603,
0.4479


 11.5078, 0.4603,
0.4479


 10.8305, 0.4753,
0.4510


 12.2432, 0.4429,
0.4404

 10.3166, 0.4867,
0.4518

 13.0381, 0.4238,
0.4291

 13.8961, 0.4041,
0.4150

 14.8198, 0.3843,
0.3991

 15.8114, 0.3653,
0.3822

■ 16.8733, 0.3473,
0.3651

■ 18.0075, 0.3307,
0.3482

■ 19.2159, 0.3155,
0.3320

■ 20.5005, 0.3017,
0.3167

Harmonies

Analogous

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



11.5078, 0.4954, 0.3829



11.5078, 0.4603, 0.4479



11.5078, 0.3886, 0.4962

Triad

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



11.5078, 0.4603, 0.4479



11.5078, 0.1730, 0.3082



11.5078, 0.3004, 0.2164

Complementary

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



11.5078, 0.4603, 0.4479



4.2161, 0.1823, 0.1488

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.



11.5078, 0.2216, 0.1944



11.5078, 0.4603, 0.4479



11.5078, 0.1577, 0.2339

Square

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



11.5078, 0.4603, 0.4479



11.5078, 0.2231, 0.4116



11.5078, 0.1740, 0.1984



11.5078, 0.3968, 0.2601

Rectangle

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



11.5078, 0.4603, 0.4479



11.5078, 0.3313, 0.5009



11.5078, 0.1740, 0.1984



11.5078, 0.2711, 0.2064

Sweetspot

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



11.5084, 0.4603, 0.4479



28.9903, 0.3538, 0.3713



4.9913, 0.4965, 0.2750



6.5089, 0.3588, 0.3762



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.



11.5084, 0.4603, 0.4479



18.1216, 0.4860, 0.4504



16.9984, 0.3891, 0.5101



4.4279, 0.3262, 0.3435



10.8480, 0.4869, 0.4516



50.1585, 0.4913, 0.4481

Inverse Universe

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



4.2161, 0.1823, 0.1488



5.0151, 0.1646, 0.1103



2.4055, 0.1802, 0.0937



4.0836, 0.2994, 0.3141



2.9958, 0.1640, 0.1102



12.9093, 0.1615, 0.1014

Previews

White Background



This preview shows how the Yxy color 11.5078, 0.4603, 0.4479 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



This preview shows how the Yxy color 11.5078, 0.4603, 0.4479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

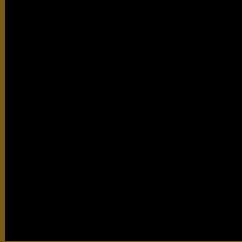
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5078, 0.4603, 0.4479

Background



This preview shows how black text looks on a background with the Yxy color 11.5078, 0.4603, 0.4479.



This preview shows how white text looks on a background with the Yxy color 11.5078, 0.4603, 0.4479.

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

11.5078, 0.4603, 0.4479

Protanopia

11.5575, 0.4247, 0.4714

Deuteranopia

11.5332, 0.4555, 0.4516



Tritanopia

11.5145, 0.3751, 0.3171

Trichromacy



Original Color

11.5078, 0.4603, 0.4479

Protanomaly

11.5120, 0.4368, 0.4640

Deuteranomaly

11.6050, 0.4570, 0.4506

Tritanomaly

11.3972, 0.4154, 0.3717

Monochromacy



Original Color

11.5078, 0.4603, 0.4479

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.7710, 0.3701, 0.3852

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5078, 0.4603, 0.4479 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, 90, 22)` looks like.

```
.text, #text, p{  
  color:rgb(122, 90, 22)  
}
```

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, 90, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 90, 22) }
```

Border

The CSS property to change the border of an element to Yxy 11.5078, 0.4603, 0.4479 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, 90, 22) }
```

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

```
.border{ border-color:rgb(122, 90, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 90, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 90, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 90, 22);  
box-shadow:4px 4px 4px 4px rgb(122, 90,  
22) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5078, 0.4603, 0.4479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 90, 22) }
```

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

```
.background{ background-color: rgb(122, 90,  
22) }
```

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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