

Converting Colors

$Y_{xy}(15.2495, 0.4829, 0.4470)$

Have a look what the booklet for
Yxy(15.2495, 0.4829, 0.4470)
contains.

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Color

Yxy(15.2495, 0.4829, 0.4470)

Conversions

Conversions Part 1

Format	Color
Hex	92640B
RGB	146, 100, 11
RGB Percent	57%, 39%, 4%
CMY	0.4274, 0.6079, 0.9569
CMYK	0.00, 0.32, 0.92, 0.43
HSL	40°, 86%, 31%
HSV	40°, 92%, 57%
XYZ	16.4742, 15.2495, 2.3915
YIQ	103.6080, 55.9850, -17.9270

Conversions

Conversions Part 2

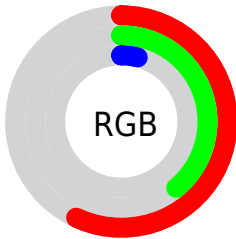
Format	Color
R_{YB}	81, 146, 11
Decimal	9593867
CIE _{Lab}	45.97, 11.65, 50.84
CIE _{LCh}	46, 52.159, 77.095
Yxy	15.2495, 0.4829, 0.4470
Android (android.graphics.Color)	4287783947 (0xFF92640B)
YUV	103.6080, -45.6557, 37.1778
Hunter-Lab	39.0506, 6.9650, 23.7045

Details

The Yxy color **15.2495, 0.4829, 0.4470** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.0753, 0.1711, 0.1279**, and the grayscale version is **13.8466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.3639, 0.4487, 0.4294**, and **4.8120, 0.5039, 0.4381** is the 20% darker color. If you saturate the color by 10%, you get **14.5236, 0.4936, 0.4463**, and if you desaturate by 10%, it is **16.2830, 0.4673, 0.4453**.

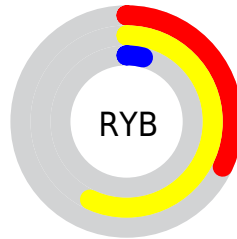
Distribution



Red (57%)

Green (39%)

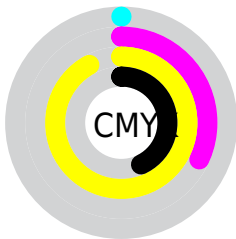
Blue (4%)



Red (32%)

Yellow (57%)

Blue (4%)

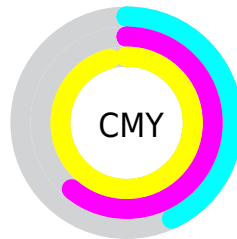


Cyan (0%)

Magenta (32%)

Yellow (92%)

Black (43%)



Cyan (43%)


Magenta (61%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2495, 0.4829, 0.4470 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 15.2495, 0.4829, 0.4470 by changing the saturation by 10% instead.

 15.2495, 0.4829,
0.4470

 15.2495, 0.4829,
0.4470


224.8714, 0.3896,
0.3888


 8.9947, 0.5045,
0.4559


 35.2903, 0.4490,
0.4286


 4.7377, 0.5340,
0.4660

 49.8450, 0.4359,
0.4205

 2.0942, 0.5480,
0.4520

 67.9352, 0.4250,
0.4134

 0.6614, 0.5804,
0.4196

 89.9452, 0.4157,
0.4071


 0.0000, 0.0000,
0.0000


 116.2595, 0.4077,
0.4017


 147.2623, 0.4008,


0.3968


 183.3382, 0.3948,
0.3926


 15.2495, 0.4829,
0.4470


 15.2495, 0.4829,
0.4470


 14.5236, 0.4936,
0.4463

 16.2830, 0.4673,
0.4453

 17.4083, 0.4491,
0.4388

 18.6314, 0.4291,
0.4283

 19.9573, 0.4083,
0.4147

 21.3901, 0.3877,
0.3992

■ 22.9337, 0.3678,
0.3825

■ 24.5919, 0.3492,
0.3655

■ 26.3679, 0.3320,
0.3489

■ 28.2649, 0.3163,
0.3328

Harmonies

Analogous

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



15.2495, 0.5175, 0.3744



15.2495, 0.4829, 0.4470



15.2495, 0.4059, 0.5099

Triad

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



15.2495, 0.4829, 0.4470



15.2495, 0.1629, 0.3185



15.2495, 0.2842, 0.2002

Complementary

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



15.2495, 0.4829, 0.4470



5.0753, 0.1711, 0.1279

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.



15.2495, 0.2022, 0.1799



15.2495, 0.4829, 0.4470



15.2495, 0.1426, 0.2302

Square

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



15.2495, 0.4829, 0.4470



15.2495, 0.2218, 0.4396



15.2495, 0.1560, 0.1876



15.2495, 0.3921, 0.2446

Rectangle

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



15.2495, 0.4829, 0.4470



15.2495, 0.3434, 0.5262



15.2495, 0.1560, 0.1876



15.2495, 0.2530, 0.1906

Sweetspot

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



15.2503, 0.4829, 0.4470



41.5631, 0.3604, 0.3759



6.6601, 0.5299, 0.2768



8.9993, 0.3678, 0.3824



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



15.2503, 0.4829, 0.4470



25.2910, 0.4954, 0.4448



25.0058, 0.3935, 0.5203



6.4151, 0.3267, 0.3436



12.8195, 0.4931, 0.4467



0.2118, 0.4532, 0.4783

Inverse Universe

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



5.0753, 0.1711, 0.1279



7.3642, 0.1638, 0.1096



2.6104, 0.1639, 0.0727



5.9369, 0.2989, 0.3140



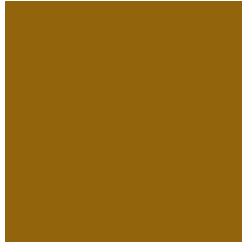
3.8543, 0.1650, 0.1140



0.0978, 0.1879, 0.1963

Previews

White Background



This preview shows how the Yxy color 15.2495, 0.4829, 0.4470 looks on a white background.

Color Contrast Check

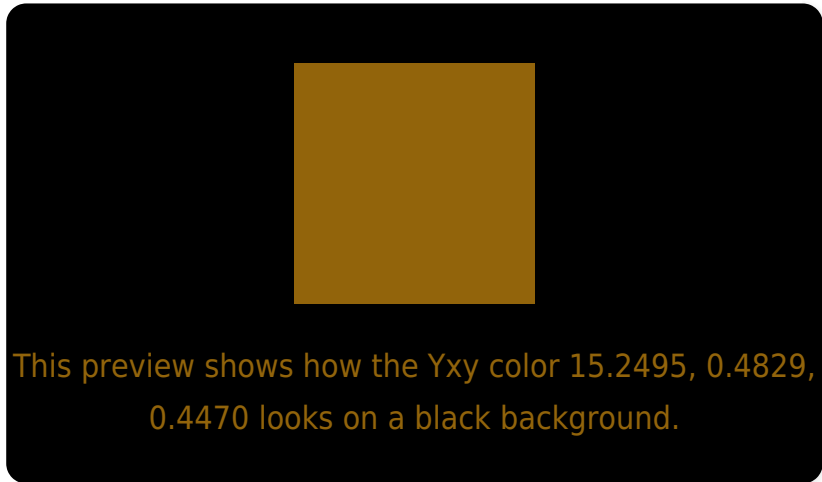
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2495, 0.4829, 0.4470

Background



This preview shows how black text looks on a background with the Yxy color 15.2495, 0.4829, 0.4470.



This preview shows how white text looks on a background with the Yxy color 15.2495, 0.4829, 0.4470.

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

15.2495, 0.4829, 0.4470

Protanopia

15.3945, 0.4337, 0.4829

Deuteranopia

15.3105, 0.4683, 0.4642



Tritanopia

15.2328, 0.3912, 0.3171

Trichromacy



Original Color

15.2495, 0.4829, 0.4470

Protanomaly

15.1624, 0.4518, 0.4696

Deuteranomaly

15.3764, 0.4730, 0.4583

Tritanomaly

15.1727, 0.4376, 0.3768

Monochromacy



Original Color

15.2495, 0.4829, 0.4470

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

14.0646, 0.3829, 0.3971

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2495, 0.4829, 0.4470 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(146, 100, 11)` looks like.

```
.text, #text, p{  
    color:rgb(146, 100, 11)  
}
```

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(146, 100, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 100, 11) }
```

Border

The CSS property to change the border of an element to Yxy 15.2495, 0.4829, 0.4470 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(146, 100, 11) }
```

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

```
.border{ border-color:rgb(146, 100, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 100, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 100, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 100, 11);  
box-shadow:4px 4px 4px 4px rgb(146, 100,  
11) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2495, 0.4829, 0.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 100, 11) }
```

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

```
.background{ background-color: rgb(146,  
100, 11) }
```

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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