

Converting Colors

$Y_{xy}(11.4672, 0.4654, 0.4391)$

Have a look what the booklet for
Yxy(11.4672, 0.4654, 0.4391)
contains.

Yxy(11.4096, 0.4660, 0.4386)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(11.4096, 0.4660, 0.4386)

Conversions

Conversions Part 1

Format	Color
Hex	7D5819
RGB	125, 88, 25
RGB Percent	49%, 35%, 10%
CMY	0.5098, 0.6549, 0.9020
CMYK	0.00, 0.30, 0.80, 0.51
HSL	38°, 67%, 29%
HSV	38°, 80%, 49%
XYZ	12.1224, 11.4096, 2.4817
YIQ	91.8810, 42.2750, -11.7490

Conversions

Conversions Part 2

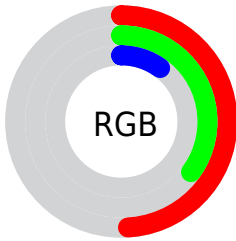
Format	Color
RYB	84, 125, 25
Decimal	8214553
CIELab	40.26, 9.17, 40.30
CIELCh	40, 41.329, 77.175
Yxy	11.4096, 0.4660, 0.4386
Android (android.graphics.Color)	4286404633 (0xFF7D5819)
YUV	91.8810, -32.9723, 29.0454
Hunter-Lab	33.7781, 4.9489, 19.2886

Details

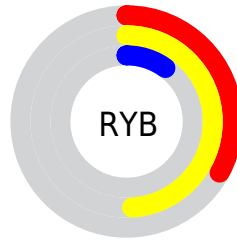
The Yxy color **11.4096, 0.4660, 0.4386** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5.1293, 0.1876, 0.1653**, and the grayscale version is **10.7435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4818, 0.4310, 0.4183**, and **3.1055, 0.5013, 0.4402** is the 20% darker color. If you saturate the color by 10%, you get **10.6326, 0.4837, 0.4415**, and if you desaturate by 10%, it is **12.2600, 0.4461, 0.4313**.

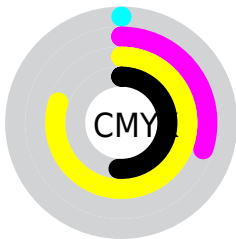
Distribution



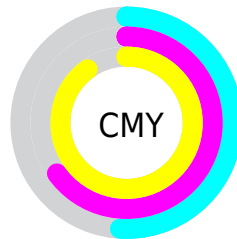
- Red (49%)
- Green (35%)
- Blue (10%)



- Red (33%)
- Yellow (49%)
- Blue (10%)



- Cyan (0%)
- Magenta (30%)
- Yellow (80%)
- Black (51%)





- Cyan (51%)
- Magenta (65%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4096, 0.4660, 0.4386 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 11.4096, 0.4660, 0.4386 by changing the saturation by 10% instead.


 11.4096, 0.4660,
0.4386


 11.4096, 0.4660,
0.4386


200.4565, 0.3762,
0.3790


 6.3430, 0.4903,
0.4507


 28.4151, 0.4309,
0.4175


 3.0548, 0.5300,
0.4700

 41.1229, 0.4183,
0.4091


 1.1604, 0.5456,
0.4544

 57.1466, 0.4080,
0.4020

 0.0290, 0.8966,
0.1034

 76.8704, 0.3994,
0.3960


 0.0000, 0.0000,
0.0000


 100.6790, 0.3922,
0.3908


 128.9566, 0.3861,

0.3863


 162.0876, 0.3808,
0.3824


 11.4096, 0.4660,
0.4386


 11.4096, 0.4660,
0.4386


 10.6326, 0.4837,
0.4415


 12.2600, 0.4461,
0.4313

 9.9181, 0.4999,
0.4413

 13.1859, 0.4249,
0.4203

 14.1911, 0.4035,
0.4067

 15.2786, 0.3826,
0.3915

 16.4512, 0.3629,
0.3756

■ 17.7115, 0.3446,
0.3596

■ 19.0620, 0.3278,
0.3439

■ 20.5050, 0.3127,
0.3290

■ 22.0427, 0.2992,
0.3150

Harmonies

Analogous

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



11.4096, 0.4938, 0.3739



11.4096, 0.4660, 0.4386



11.4096, 0.3988, 0.4899

Triad

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



11.4096, 0.4660, 0.4386



11.4096, 0.1792, 0.3214



11.4096, 0.2886, 0.2133

Complementary

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



11.4096, 0.4660, 0.4386



5.1293, 0.1876, 0.1653

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.



11.4096, 0.2145, 0.1948



11.4096, 0.4660, 0.4386



11.4096, 0.1595, 0.2428

Square

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



11.4096, 0.4660, 0.4386



11.4096, 0.2336, 0.4239



11.4096, 0.1716, 0.2027



11.4096, 0.3830, 0.2541

Rectangle

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



11.4096, 0.4660, 0.4386



11.4096, 0.3431, 0.5000



11.4096, 0.1716, 0.2027



11.4096, 0.2607, 0.2044

Sweetspot

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



11.4102, 0.4660, 0.4386



30.6679, 0.3527, 0.3668



5.4167, 0.4758, 0.2654



6.8259, 0.3582, 0.3716



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



11.4102, 0.4660, 0.4386



17.9765, 0.4962, 0.4403



18.2697, 0.3954, 0.5030



4.7603, 0.3264, 0.3426



10.3380, 0.5001, 0.4411



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.1293, 0.1876, 0.1653



6.4144, 0.1697, 0.1270



2.5618, 0.1777, 0.0949



4.4520, 0.2993, 0.3151



3.5911, 0.1676, 0.1231



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 11.4096, 0.4660, 0.4386 looks on a white background.

Color Contrast Check

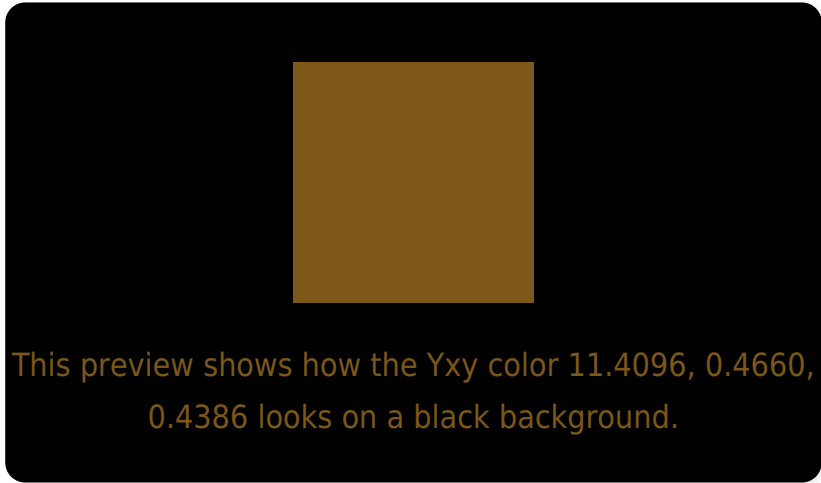
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4096, 0.4660, 0.4386

Background



This preview shows how black text looks on a background with the Yxy color 11.4096, 0.4660, 0.4386.



This preview shows how white text looks on a background with the Yxy color 11.4096, 0.4660, 0.4386.

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

11.4096, 0.4660, 0.4386

Protanopia

11.3893, 0.4238, 0.4662

Deuteranopia

11.3713, 0.4556, 0.4479



Tritanopia

11.4063, 0.3848, 0.3173

Trichromacy



Original Color

11.4096, 0.4660, 0.4386

Protanomaly

11.3063, 0.4409, 0.4551

Deuteranomaly

11.3483, 0.4605, 0.4442

Tritanomaly

11.3115, 0.4224, 0.3668

Monochromacy



Original Color

11.4096, 0.4660, 0.4386

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.8426, 0.3702, 0.3825

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4096, 0.4660, 0.4386 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(125, 88, 25)` looks like.

```
.text, #text, p{  
    color:rgb(125, 88, 25)  
}
```

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(125, 88, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 88, 25) }
```

Border

The CSS property to change the border of an element to Yxy 11.4096, 0.4660, 0.4386 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(125, 88, 25) }
```

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

```
.border{ border-color:rgb(125, 88, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 88, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 88, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 88, 25);  
box-shadow:4px 4px 4px 4px rgb(125, 88,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4096, 0.4660, 0.4386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 88, 25) }
```

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

```
.background{ background-color: rgb(125, 88,  
25) }
```

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