

Converting Colors

$Y_{xy}(11.1826, 0.4411, 0.4350)$

Have a look what the booklet for
Yxy(11.1826, 0.4411, 0.4350)
contains.

Yxy(11.2852, 0.4417, 0.4360)	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(11.2852, 0.4417, 0.4360)

Conversions

Conversions Part 1

Format	Color
Hex	765A23
RGB	118, 90, 35
RGB Percent	46%, 35%, 14%
CMY	0.5372, 0.6471, 0.8628
CMYK	0.00, 0.24, 0.70, 0.54
HSL	40°, 54%, 30%
HSV	40°, 70%, 46%
XYZ	11.4327, 11.2852, 3.1656
YIQ	92.1020, 34.3430, -11.1690

Conversions

Conversions Part 2

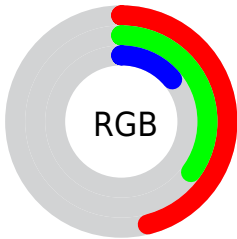
Format	Color
R_{YB}	77, 118, 35
Decimal	7756323
CIE Lab	40.06, 5.19, 35.15
CIE LCh	40, 35.533, 81.597
Yxy	11.2852, 0.4417, 0.4360
Android (android.graphics.Color)	4285946403 (0xFF765A23)
YUV	92.1020, -28.1513, 22.7125
Hunter-Lab	33.5935, 1.9597, 17.9284

Details

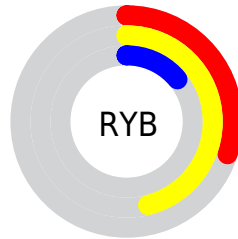
The Yxy color **11.2852, 0.4417, 0.4360** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5.2234, 0.1993, 0.1813**, and the grayscale version is **10.7880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2496, 0.4117, 0.4134**, and **3.0701, 0.4824, 0.4552** is the 20% darker color. If you saturate the color by 10%, you get **10.5729, 0.4602, 0.4439**, and if you desaturate by 10%, it is **12.0582, 0.4219, 0.4245**.

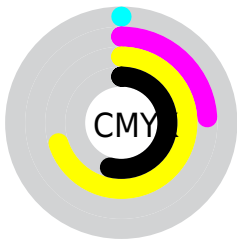
Distribution



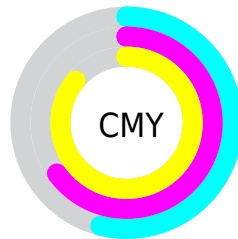
- Red (46%)
- Green (35%)
- Blue (14%)



- Red (30%)
- Yellow (46%)
- Blue (14%)



- Cyan (0%)
- Magenta (24%)
- Yellow (70%)
- Black (54%)




- Cyan (54%)
- Magenta (65%)
- Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2852, 0.4417, 0.4360 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 11.2852, 0.4417, 0.4360 by changing the saturation by 10% instead.


 11.2852, 0.4417,
0.4360


 11.2852, 0.4417,
0.4360


 199.6139, 0.3652,
0.3749


 6.2590, 0.4636,
0.4514


 28.1864, 0.4112,
0.4127


 3.0032, 0.5119,
0.4881

 40.8301, 0.4004,
0.4041


 1.1334, 0.5212,
0.4788

 56.7818, 0.3917,
0.3970

 0.0063, 0.9548,
0.0452

 76.4259, 0.3845,
0.3911

 0.0000, 0.0000,
0.0000

 100.1468, 0.3785,
0.3861

 128.3288, 0.3734,

0.3818

161.3564, 0.3690,
0.3781

11.2852, 0.4417,
0.4360

11.2852, 0.4417,
0.4360

10.5729, 0.4602,
0.4439

12.0582, 0.4219,
0.4245

9.9167, 0.4764,
0.4475

12.8930, 0.4016,
0.4104

9.3274, 0.4909,
0.4484

13.7925, 0.3816,
0.3946

14.7590, 0.3625,
0.3781

15.7947, 0.3446,
0.3614

■ 16.9013, 0.3282,
0.3451

■ 18.0809, 0.3132,
0.3295

■ 19.3352, 0.2997,
0.3148

■ 20.6659, 0.2876,
0.3011

Harmonies

Analogous

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



11.2852, 0.4701, 0.3805



11.2852, 0.4417, 0.4360



11.2852, 0.3803, 0.4729

Triad

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



11.2852, 0.4417, 0.4360



11.2852, 0.1908, 0.3120



11.2852, 0.3040, 0.2306

Complementary

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



11.2852, 0.4417, 0.4360



5.2234, 0.1993, 0.1813

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.



11.2852, 0.2347, 0.2108



11.2852, 0.4417, 0.4360



11.2852, 0.1765, 0.2475

Square

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



11.2852, 0.4417, 0.4360



11.2852, 0.2357, 0.3975



11.2852, 0.1914, 0.2150



11.2852, 0.3858, 0.2701

Rectangle

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



11.2852, 0.4417, 0.4360



11.2852, 0.3305, 0.4732



11.2852, 0.1914, 0.2150



11.2852, 0.2785, 0.2216

Sweetspot

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



11.2858, 0.4417, 0.4360



27.5415, 0.3467, 0.3634



5.4257, 0.4533, 0.2732



6.2421, 0.3504, 0.3669



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



11.2858, 0.4417, 0.4360



17.9095, 0.4698, 0.4466



16.1206, 0.3861, 0.4910



4.0680, 0.3261, 0.3430



10.0639, 0.4912, 0.4482



47.4121, 0.4961, 0.4443

Inverse Universe

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



5.2234, 0.1993, 0.1813



6.6178, 0.1790, 0.1445



3.1256, 0.1973, 0.1217



3.7733, 0.2995, 0.3146



3.0230, 0.1653, 0.1151



13.2921, 0.1627, 0.1058

Previews

White Background



This preview shows how the Yxy color 11.2852, 0.4417, 0.4360 looks on a white background.

Color Contrast Check

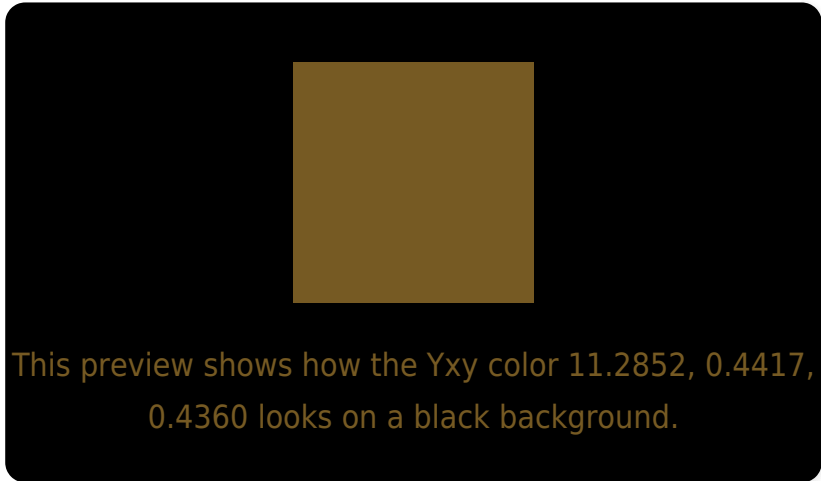
Large Text (above 18pt) WCAG AA ✓ Pass

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

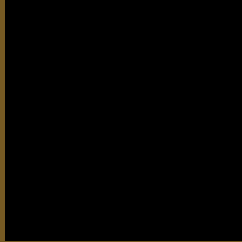
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2852, 0.4417, 0.4360

Background



This preview shows how black text looks on a background with the Yxy color 11.2852, 0.4417, 0.4360.



This preview shows how white text looks on a background with the Yxy color 11.2852, 0.4417, 0.4360.

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

11.2852, 0.4417, 0.4360

Protanopia

11.3760, 0.4134, 0.4541

Deuteranopia

11.2852, 0.4417, 0.4360



Tritanopia

11.2336, 0.3666, 0.3147

Trichromacy



Original Color

11.2852, 0.4417, 0.4360

Protanomaly

11.2711, 0.4229, 0.4470

Deuteranomaly

11.2852, 0.4417, 0.4360

Tritanomaly

11.1755, 0.3985, 0.3606

Monochromacy



Original Color

11.2852, 0.4417, 0.4360

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.7038, 0.3603, 0.3764

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2852, 0.4417, 0.4360 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(118, 90, 35)` looks like.

```
.text, #text, p{  
    color:rgb(118, 90, 35)  
}
```

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(118, 90, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 90, 35) }
```

Border

The CSS property to change the border of an element to Yxy 11.2852, 0.4417, 0.4360 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(118, 90, 35) }
```

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

```
.border{ border-color:rgb(118, 90, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 90, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 90, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 90, 35);  
box-shadow:4px 4px 4px 4px rgb(118, 90,  
35) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2852, 0.4417, 0.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 90, 35) }
```

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

```
.background{ background-color: rgb(118, 90,  
35) }
```

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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