

Converting Colors

$Y_{xy}(14.8329, 0.4610, 0.4451)$

Have a look what the booklet for
Yxy(14.8329, 0.4610, 0.4451)
contains.

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Color

$\text{Yxy}(14.7945, 0.4610, 0.4445)$

Conversions

Conversions Part 1

Format	Color
Hex	8A651C
RGB	138, 101, 28
RGB Percent	54%, 40%, 11%
CMY	0.4589, 0.6039, 0.8902
CMYK	0.00, 0.27, 0.80, 0.46
HSL	40°, 66%, 33%
HSV	40°, 80%, 54%
XYZ	15.3437, 14.7945, 3.1453
YIQ	103.7410, 45.4850, -14.8590

Conversions

Conversions Part 2

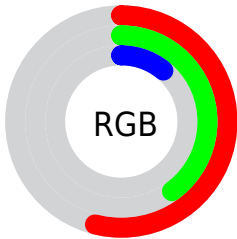
Format	Color
RYB	84, 138, 28
Decimal	9069852
CIELab	45.35, 7.80, 44.41
CIElCh	45, 45.092, 80.034
Yxy	14.7945, 0.4610, 0.4445
Android (android.graphics.Color)	4287259932 (0xFF8A651C)
YUV	103.7410, -37.3403, 30.0451
Hunter-Lab	38.4636, 3.8948, 22.0762

Details

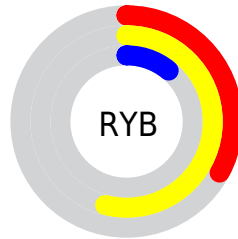
The Yxy color **14.7945, 0.4610, 0.4445** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5.8604, 0.1849, 0.1558**, and the grayscale version is **13.8634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.6086, 0.4294, 0.4233**, and **4.5232, 0.4922, 0.4474** is the 20% darker color. If you saturate the color by 10%, you get **13.8678, 0.4772, 0.4478**, and if you desaturate by 10%, it is **15.8039, 0.4424, 0.4366**.

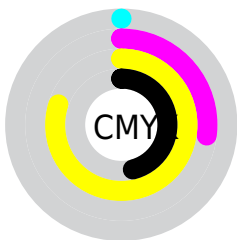
Distribution



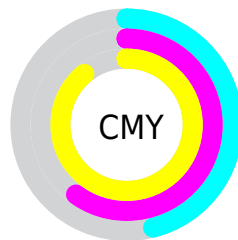
- Red (54%)
- Green (40%)
- Blue (11%)



- Red (33%)
- Yellow (54%)
- Blue (11%)



- Cyan (0%)
- Magenta (27%)
- Yellow (80%)
- Black (46%)




- Cyan (46%)
- Magenta (60%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7945, 0.4610, 0.4445 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 14.7945, 0.4610, 0.4445 by changing the saturation by 10% instead.

 14.7945, 0.4610,
0.4445


 14.7945, 0.4610,
0.4445


222.1190, 0.3778,
0.3836


 8.6753, 0.4817,
0.4568


 34.4923, 0.4297,
0.4232


 4.5300, 0.5194,
0.4806

 48.8396, 0.4181,
0.4147


 1.9742, 0.5294,
0.4706

 66.6985, 0.4084,
0.4075

 0.5924, 0.5599,
0.4401

 88.4532, 0.4003,
0.4013


 0.0000, 0.0000,
0.0000


 114.4882, 0.3934,
0.3959

 145.1879, 0.3875,

0.3912


 180.9367, 0.3823,
0.3872


 14.7945, 0.4610,
0.4445


 14.7945, 0.4610,
0.4445

 13.8678, 0.4772,
0.4478


 15.8039, 0.4424,
0.4366


 13.0106, 0.4915,
0.4476

 16.8982, 0.4224,
0.4250

 12.9865, 0.4919,
0.4476

 18.0822, 0.4018,
0.4107

 19.3593, 0.3815,
0.3947

 20.7330, 0.3622,
0.3779

■ 22.2062, 0.3441,
0.3609

■ 23.7818, 0.3274,
0.3444

■ 25.4626, 0.3123,
0.3286

■ 27.2512, 0.2987,
0.3137

Harmonies

Analogous

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



14.7945, 0.4935, 0.3801



14.7945, 0.4610, 0.4445



14.7945, 0.3912, 0.4931

Triad

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



14.7945, 0.4610, 0.4445



14.7945, 0.1758, 0.3123



14.7945, 0.2971, 0.2162

Complementary

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



14.7945, 0.4610, 0.4445



5.8604, 0.1849, 0.1558

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.



14.7945, 0.2202, 0.1954



14.7945, 0.4610, 0.4445



14.7945, 0.1593, 0.2373

Square

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



14.7945, 0.4610, 0.4445



14.7945, 0.2269, 0.4145



14.7945, 0.1743, 0.2006



14.7945, 0.3921, 0.2589

Rectangle

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



14.7945, 0.4610, 0.4445



14.7945, 0.3348, 0.4991



14.7945, 0.1743, 0.2006



14.7945, 0.2684, 0.2066

Sweetspot

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



14.7952, 0.4610, 0.4445



37.8771, 0.3526, 0.3690



6.6323, 0.4872, 0.2717



8.3170, 0.3583, 0.3743



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



14.7952, 0.4610, 0.4445



23.1854, 0.4885, 0.4470



22.3595, 0.3910, 0.5068



5.5664, 0.3265, 0.3435



11.9356, 0.4916, 0.4479



0.1064, 0.4526, 0.4788

Inverse Universe

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



5.8604, 0.1849, 0.1558



7.0337, 0.1667, 0.1167



3.2118, 0.1803, 0.0955



5.1493, 0.2991, 0.3141



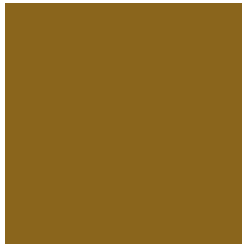
3.5278, 0.1648, 0.1134



0.0484, 0.1875, 0.1949

Previews

White Background



This preview shows how the Yxy color 14.7945, 0.4610, 0.4445 looks on a white background.

Color Contrast Check

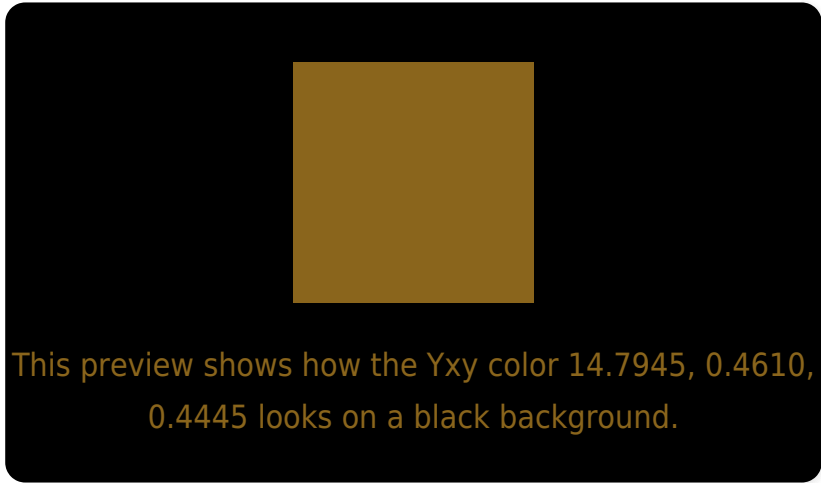
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7945, 0.4610, 0.4445

Background



This preview shows how black text looks on a background with the Yxy color 14.7945, 0.4610, 0.4445.



This preview shows how white text looks on a background with the Yxy color 14.7945, 0.4610, 0.4445.

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

14.7945, 0.4610, 0.4445

Protanopia

14.8838, 0.4245, 0.4687

Deuteranopia

14.7328, 0.4560, 0.4496



Tritanopia

14.6958, 0.3771, 0.3165

Trichromacy



Original Color

14.7945, 0.4610, 0.4445

Protanomaly

14.7039, 0.4384, 0.4596

Deuteranomaly

14.8161, 0.4574, 0.4487

Tritanomaly

14.7065, 0.4160, 0.3709

Monochromacy



Original Color

14.7945, 0.4610, 0.4445

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.9353, 0.3698, 0.3859

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7945, 0.4610, 0.4445 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(138, 101, 28)` looks like.

```
.text, #text, p{  
    color:rgb(138, 101, 28)  
}
```

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(138, 101, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 101, 28) }
```

Border

The CSS property to change the border of an element to Yxy 14.7945, 0.4610, 0.4445 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(138, 101, 28) }
```

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

```
.border{ border-color:rgb(138, 101, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 101, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 101, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 101, 28);  
box-shadow:4px 4px 4px 4px rgb(138, 101,  
28) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7945, 0.4610, 0.4445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 101, 28) }
```

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

```
.background{ background-color: rgb(138,  
101, 28) }
```

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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