

Converting Colors

$Y_{xy}(8.2310, 0.4882, 0.4403)$

Have a look what the booklet for
Yxy(8.2310, 0.4882, 0.4403)
contains.

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Color

Yxy(8.2274, 0.4878, 0.4406)

Conversions

Conversions Part 1	
Format	Color
Hex	704908
RGB	112, 73, 8
RGB Percent	44%, 29%, 3%
CMY	0.5608, 0.7137, 0.9687
CMYK	0.00, 0.35, 0.93, 0.56
HSL	38°, 87%, 24%
HSV	38°, 93%, 44%
XYZ	9.1088, 8.2274, 1.3370
YIQ	77.2510, 44.1090, -11.9470

Conversions

Conversions Part 2

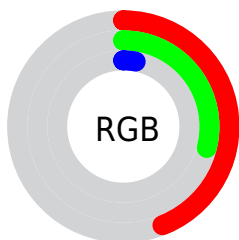
Format	Color
RYB	70, 112, 8
Decimal	7358728
CIELab	34.45, 11.35, 40.85
CIELCh	34, 42.392, 74.477
Yxy	8.2274, 0.4878, 0.4406
Android (android.graphics.Color)	4285548808 (0xFF704908)
YUV	77.2510, -34.1407, 30.4749
Hunter-Lab	28.6834, 6.4888, 17.3148

Details

The Yxy color **8.2274, 0.4878, 0.4406** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **3.2529, 0.1754, 0.1412**, and the grayscale version is **7.5294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **22.3051, 0.4472, 0.4200**, and **1.8085, 0.5238, 0.4223** is the 20% darker color. If you saturate the color by 10%, you get **7.8266, 0.5001, 0.4411**, and if you desaturate by 10%, it is **8.8286, 0.4705, 0.4386**.

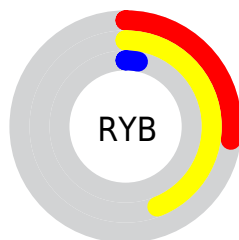
Distribution



Red (44%)

Green (29%)

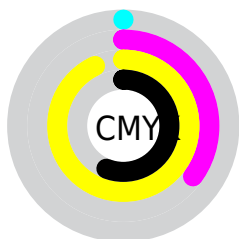
Blue (3%)



Red (27%)

Yellow (44%)

Blue (3%)

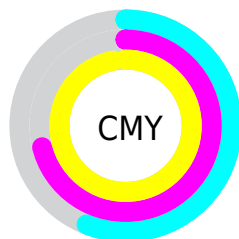


Cyan (0%)

Magenta (35%)

Yellow (93%)

Black (56%)



Cyan (56%)


Magenta (71%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 8.2274, 0.4878, 0.4406 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 8.2274, 0.4878, 0.4406 by changing the saturation by 10% instead.


 8.2274, 0.4878,
0.4406


 8.2274, 0.4878,
0.4406


 177.5049, 0.3820,
0.3802


 4.2408, 0.5292,
0.4608


 22.4030, 0.4459,
0.4203


 1.8092, 0.5493,
0.4507


 33.3609, 0.4309,
0.4117

 0.4929, 0.6020,
0.3980

 47.4112, 0.4188,
0.4043

 0.0000, 0.0000,
0.0000


 64.9385, 0.4087,
0.3979


 86.3272, 0.4004,
0.3925


 111.9615, 0.3933,


0.3878


 142.2259, 0.3872,
0.3837


 8.2274, 0.4878,
0.4406


 8.2274, 0.4878,
0.4406


 7.8266, 0.5001,
0.4411

 8.8286, 0.4705,
0.4386

 9.4853, 0.4509,
0.4323

 10.2010, 0.4300,
0.4222

 10.9785, 0.4086,
0.4093

 11.8201, 0.3877,
0.3947

■ 12.7279, 0.3678,
0.3792

■ 13.7041, 0.3492,
0.3634

■ 14.7504, 0.3322,
0.3480

■ 15.8688, 0.3168,
0.3331

Harmonies

Analogous

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



8.2274, 0.5173, 0.3682



8.2274, 0.4878, 0.4406



8.2274, 0.4135, 0.5054

Triad

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



8.2274, 0.4878, 0.4406



8.2274, 0.1667, 0.3284



8.2274, 0.2757, 0.1976

Complementary

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



8.2274, 0.4878, 0.4406



3.2529, 0.1754, 0.1412

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.



8.2274, 0.1969, 0.1796



8.2274, 0.4878, 0.4406



8.2274, 0.1432, 0.2361

Square

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



8.2274, 0.4878, 0.4406



8.2274, 0.2288, 0.4494



8.2274, 0.1537, 0.1899



8.2274, 0.3824, 0.2401

Rectangle

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



8.2274, 0.4878, 0.4406



8.2274, 0.3518, 0.5256



8.2274, 0.1537, 0.1899



8.2274, 0.2455, 0.1887

Sweetspot

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



8.2278, 0.4878, 0.4406



23.0539, 0.3599, 0.3726



3.8304, 0.5117, 0.2685



5.4001, 0.3664, 0.3780



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



8.2278, 0.4878, 0.4406



13.5089, 0.5027, 0.4390



14.3084, 0.3986, 0.5148



3.7162, 0.3261, 0.3421



9.0030, 0.5008, 0.4405



43.1515, 0.5066, 0.4360

Inverse Universe

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



3.2529, 0.1754, 0.1412



4.7399, 0.1673, 0.1224



1.4931, 0.1632, 0.0738



3.4864, 0.2996, 0.3155



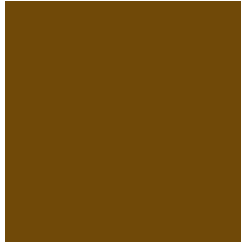
3.2242, 0.1683, 0.1257



14.5199, 0.1656, 0.1159

Previews

White Background



This preview shows how the Yxy color 8.2274, 0.4878, 0.4406 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 ✓ Pass

Black Background



This preview shows how the Yxy color 8.2274, 0.4878, 0.4406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 8.2274, 0.4878, 0.4406

Background



This preview shows how black text looks on a background with the Yxy color 8.2274, 0.4878, 0.4406.



This preview shows how white text looks on a background with the Yxy color 8.2274, 0.4878, 0.4406.

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

8.2274, 0.4878, 0.4406

Protanopia

8.3341, 0.4316, 0.4802

Deuteranopia

8.1913, 0.4690, 0.4658



Tritanopia

8.2601, 0.3984, 0.3183

Trichromacy



Original Color

8.2274, 0.4878, 0.4406

Protanomaly

8.2665, 0.4512, 0.4664

Deuteranomaly

8.2396, 0.4744, 0.4575

Tritanomaly

8.1795, 0.4435, 0.3746

Monochromacy



Original Color

8.2274, 0.4878, 0.4406

Achromatopsia

7.4214, 0.3127, 0.3290

Achromatomaly

7.5905, 0.3838, 0.3926

CSS Examples

Text

The CSS property to change the color of the text to Yxy 8.2274, 0.4878, 0.4406 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(112, 73, 8)` looks like.

```
.text, #text, p{  
    color:rgb(112, 73, 8)  
}
```

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(112, 73, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 73, 8) }
```

Border

The CSS property to change the border of an element to Yxy 8.2274, 0.4878, 0.4406 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(112, 73, 8) }
```

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

```
.border{ border-color:rgb(112, 73, 8) }
```

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

Here you see how a box with a 4 pixel rgb(112, 73, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 73, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 73, 8);  
box-shadow:4px 4px 4px 4px rgb(112, 73, 8)  
}
```


Background

The CSS property to change the background color of an element to Yxy 8.2274, 0.4878, 0.4406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 73, 8) }
```

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

```
.background{ background-color: rgb(112, 73,  
8) }
```

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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