

Converting Colors

$Y_{xy}(11.4891, 0.4979, 0.3735)$

Have a look what the booklet for
Yxy(11.4891, 0.4979, 0.3735)
contains.

Yxy(11.4844, 0.4977, 0.3727) 3

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Color

$\text{Yxy}(11.4844, 0.4977, 0.3727)$

Conversions

Conversions Part 1	
Format	Color
Hex	954A2E
RGB	149, 74, 46
RGB Percent	58%, 29%, 18%
CMY	0.4157, 0.7098, 0.8196
CMYK	0.00, 0.50, 0.69, 0.42
HSL	16°, 53%, 38%
HSV	16°, 69%, 58%
XYZ	15.3362, 11.4844, 3.9935
YIQ	93.2330, 53.6880, 7.1920

Conversions

Conversions Part 2

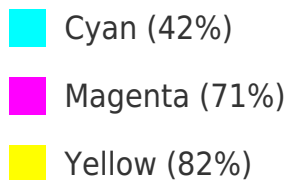
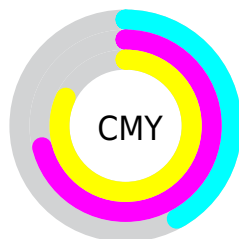
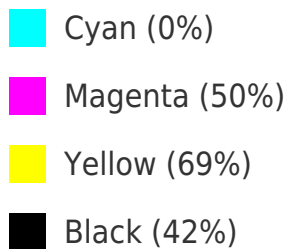
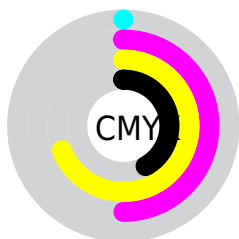
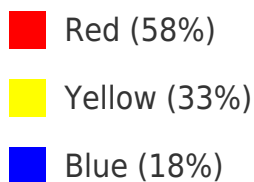
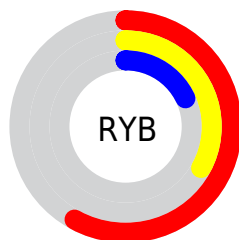
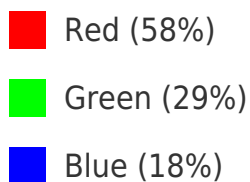
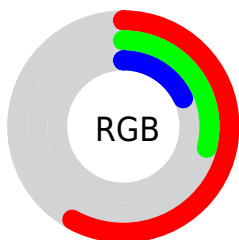
Format	Color
RYB	149, 84, 46
Decimal	9783854
CIELab	40.38, 29.17, 30.76
CIELCh	40, 42.394, 46.527
Yxy	11.4844, 0.4977, 0.3727
Android (android.graphics.Color)	4287973934 (0xFF954A2E)
YUV	93.2330, -23.2859, 48.9077
Hunter-Lab	33.8886, 21.4743, 16.7352

Details

The Yxy color **11.4844, 0.4977, 0.3727** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **16.4245, 0.2205, 0.2705**, and the grayscale version is **11.0504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4710, 0.4511, 0.3679**, and **3.0659, 0.5895, 0.3701** is the 20% darker color. If you saturate the color by 10%, you get **10.0613, 0.5349, 0.3730**, and if you desaturate by 10%, it is **13.1994, 0.4607, 0.3692**.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4844, 0.4977, 0.3727 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 11.4844, 0.4977, 0.3727 by changing the saturation by 10% instead.


 11.4844, 0.4977,
0.3727


 11.4844, 0.4977,
0.3727


200.9613, 0.3852,
0.3539

 6.3936, 0.5329,
0.3726


 28.5525, 0.4514,
0.3682


 3.0859, 0.5906,
0.3725


 41.2986, 0.4356,
0.3655


 1.1767, 0.6534,
0.3466

 57.3653, 0.4230,
0.3631

 0.0426, 0.9464,
0.0536

 77.1370, 0.4127,
0.3608


 0.0000, 0.0000,
0.0000


 100.9980, 0.4041,
0.3588


 129.3329, 0.3968,

0.3570


162.5258, 0.3906,
0.3554


 11.4844, 0.4977,
0.3727


 11.4844, 0.4977,
0.3727


 10.0613, 0.5349,
0.3730


 13.1994, 0.4607,
0.3692


 8.9110, 0.5689,
0.3692


 15.2202, 0.4263,
0.3635

 8.0101, 0.5975,
0.3623

 17.5619, 0.3957,
0.3567

 7.9415, 0.6000,
0.3618

 20.2380, 0.3691,
0.3494

 23.2613, 0.3465,
0.3421

■ 26.6439, 0.3275,
0.3350

■ 30.3971, 0.3114,
0.3284

■ 34.5320, 0.2979,
0.3224

■ 39.0590, 0.2865,
0.3168

Harmonies

Analogous

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



11.4844, 0.4660, 0.3083



11.4844, 0.4977, 0.3727



11.4844, 0.4700, 0.4388

Triad

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



11.4844, 0.4977, 0.3727



11.4844, 0.2332, 0.4285



11.4844, 0.2112, 0.1922

Complementary

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



11.4844, 0.4977, 0.3727



16.4245, 0.2205, 0.2705

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.



11.4844, 0.1684, 0.2006



11.4844, 0.4977, 0.3727



11.4844, 0.1773, 0.3231

Square

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



11.4844, 0.4977, 0.3727



11.4844, 0.3156, 0.4983



11.4844, 0.1568, 0.2420



11.4844, 0.2860, 0.2105

Rectangle

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



11.4844, 0.4977, 0.3727



11.4844, 0.4276, 0.4777



11.4844, 0.1568, 0.2420



11.4844, 0.1934, 0.1918

Sweetspot

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



11.4850, 0.4977, 0.3727



40.3569, 0.3514, 0.3437



9.7372, 0.3677, 0.2124



8.6424, 0.3568, 0.3455



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



11.4850, 0.4977, 0.3727



16.8154, 0.5544, 0.3714



21.2452, 0.4294, 0.4512



6.0568, 0.3276, 0.3351



6.7283, 0.5988, 0.3627



0.1260, 0.5263, 0.4203

Inverse Universe

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



16.4245, 0.2205, 0.2705



26.0425, 0.2081, 0.2550



7.1356, 0.1933, 0.1578



6.2983, 0.2990, 0.3228



10.9910, 0.2001, 0.2405



0.1836, 0.2129, 0.2863

Previews

White Background



This preview shows how the Yxy color 11.4844, 0.4977, 0.3727 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



This preview shows how the Yxy color 11.4844, 0.4977, 0.3727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

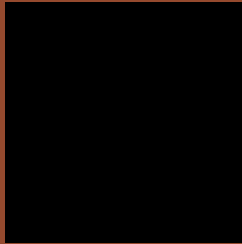
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4844, 0.4977, 0.3727

Background



This preview shows how black text looks on a background with the Yxy color 11.4844, 0.4977, 0.3727.



This preview shows how white text looks on a background with the Yxy color 11.4844, 0.4977, 0.3727.

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

11.4844, 0.4977, 0.3727

Protanopia

11.6260, 0.3898, 0.4254

Deuteranopia

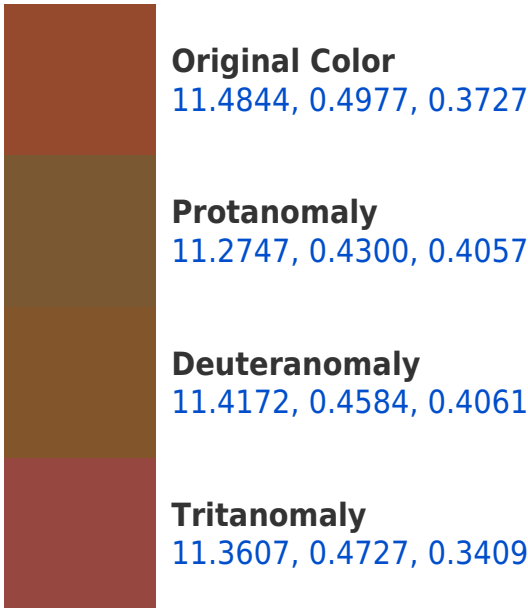
11.5713, 0.4335, 0.4263



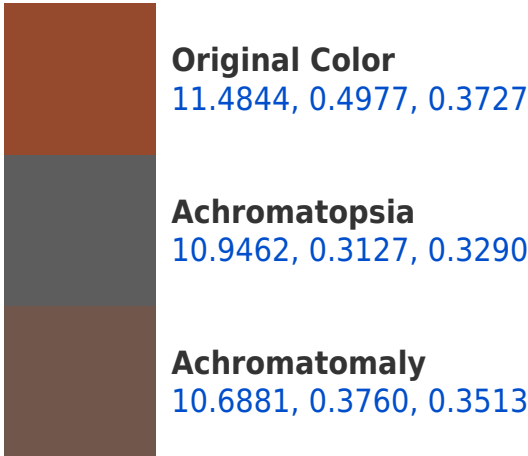
Tritanopia

11.4676, 0.4543, 0.3212

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4844, 0.4977, 0.3727 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(149, 74, 46) looks like.

```
.text, #text, p{  
    color:rgb(149, 74, 46)  
}
```

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(149, 74, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 74, 46) }
```

Border

The CSS property to change the border of an element to Yxy 11.4844, 0.4977, 0.3727 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(149, 74, 46) }
```

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

```
.border{ border-color:rgb(149, 74, 46) }
```

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

Here you see how a box with a 4 pixel rgb(149, 74, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 74, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 74, 46);  
box-shadow:4px 4px 4px 4px rgb(149, 74,  
46) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4844, 0.4977, 0.3727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 74, 46) }
```

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

```
.background{ background-color: rgb(149, 74,  
46) }
```

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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