

Converting Colors

$Y_{xy}(13.1277, 0.4389, 0.4395)$

Have a look what the booklet for
Yxy(13.1277, 0.4389, 0.4395)
contains.

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Color

Yxy(13.0429, 0.4401, 0.4393)

Conversions

Conversions Part 1

Format	Color
Hex	7D6125
RGB	125, 97, 37
RGB Percent	49%, 38%, 15%
CMY	0.5098, 0.6196, 0.8548
CMYK	0.00, 0.22, 0.70, 0.51
HSL	41°, 54%, 32%
HSV	41°, 70%, 49%
XYZ	13.0667, 13.0429, 3.5806
YIQ	98.5320, 35.9480, -12.7240

Conversions

Conversions Part 2

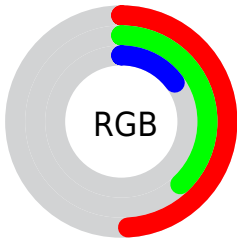
Format	Color
RYB	78, 125, 37
Decimal	8216869
CIELab	42.83, 4.49, 37.35
CIElCh	43, 37.620, 83.150
Yxy	13.0429, 0.4401, 0.4393
Android (android.graphics.Color)	4286406949 (0xFF7D6125)
YUV	98.5320, -30.3353, 23.2124
Hunter-Lab	36.1150, 1.3814, 19.4021

Details

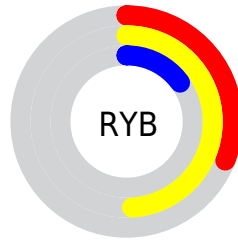
The Yxy color **13.0429, 0.4401, 0.4393** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **5.6576, 0.1976, 0.1758**, and the grayscale version is **12.4253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.2266, 0.4113, 0.4157**, and **3.7841, 0.4772, 0.4593** is the 20% darker color. If you saturate the color by 10%, you get **12.2611, 0.4578, 0.4474**, and if you desaturate by 10%, it is **13.8898, 0.4209, 0.4275**.

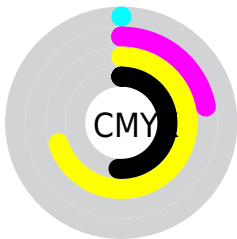
Distribution



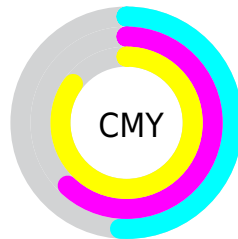
- Red (49%)
- Green (38%)
- Blue (15%)



- Red (31%)
- Yellow (49%)
- Blue (15%)



- Cyan (0%)
- Magenta (22%)
- Yellow (70%)
- Black (51%)





- Cyan (51%)
- Magenta (62%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.0429, 0.4401, 0.4393 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 13.0429, 0.4401, 0.4393 by changing the saturation by 10% instead.


 13.0429, 0.4401,
0.4393


 13.0429, 0.4401,
0.4393


211.1924, 0.3663,
0.3774


 7.4581, 0.4602,
0.4545


 31.3808, 0.4113,
0.4160

 3.7502, 0.4980,
0.4839

 44.9028, 0.4009,
0.4073

 1.5348, 0.5139,
0.4861

 61.8392, 0.3925,
0.4001

 0.3131, 0.5653,
0.4347

 82.5745, 0.3854,
0.3941

 0.0000, 0.0000,
0.0000

 107.4930, 0.3795,
0.3890

 136.9793, 0.3744,

0.3846

171.4176, 0.3701,
0.3807

13.0429, 0.4401,
0.4393

13.0429, 0.4401,
0.4393

12.2611, 0.4578,
0.4474

13.8898, 0.4209,
0.4275

11.5390, 0.4731,
0.4511

14.8029, 0.4011,
0.4130

10.8918, 0.4865,
0.4519

15.7854, 0.3815,
0.3968

16.8399, 0.3625,
0.3798

17.9688, 0.3447,
0.3626

■ 19.1741, 0.3283,
0.3457

■ 20.4580, 0.3133,
0.3296

■ 21.8224, 0.2997,
0.3144

■ 23.2691, 0.2875,
0.3002

Harmonies

Analogous

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



13.0429, 0.4710, 0.3837



13.0429, 0.4401, 0.4393



13.0429, 0.3770, 0.4750

Triad

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



13.0429, 0.4401, 0.4393



13.0429, 0.1883, 0.3077



13.0429, 0.3081, 0.2315

Complementary

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



13.0429, 0.4401, 0.4393



5.6576, 0.1976, 0.1758

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.



13.0429, 0.2371, 0.2104



13.0429, 0.4401, 0.4393



13.0429, 0.1756, 0.2443

Square

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



13.0429, 0.4401, 0.4393



13.0429, 0.2320, 0.3937



13.0429, 0.1921, 0.2132



13.0429, 0.3906, 0.2721

Rectangle

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



13.0429, 0.4401, 0.4393



13.0429, 0.3265, 0.4735



13.0429, 0.1921, 0.2132



13.0429, 0.2820, 0.2220

Sweetspot

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



13.0435, 0.4401, 0.4393



31.9423, 0.3467, 0.3645



6.0821, 0.4588, 0.2759



7.1618, 0.3505, 0.3683



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.



13.0435, 0.4401, 0.4393



21.2125, 0.4668, 0.4501



18.1385, 0.3844, 0.4931



4.7958, 0.3263, 0.3437



11.3542, 0.4866, 0.4518



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.6576, 0.1976, 0.1758



7.2207, 0.1772, 0.1386



3.5269, 0.1983, 0.1213



4.4179, 0.2993, 0.3139



3.1023, 0.1637, 0.1094



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 13.0429, 0.4401, 0.4393 looks on a white background.

Color Contrast Check

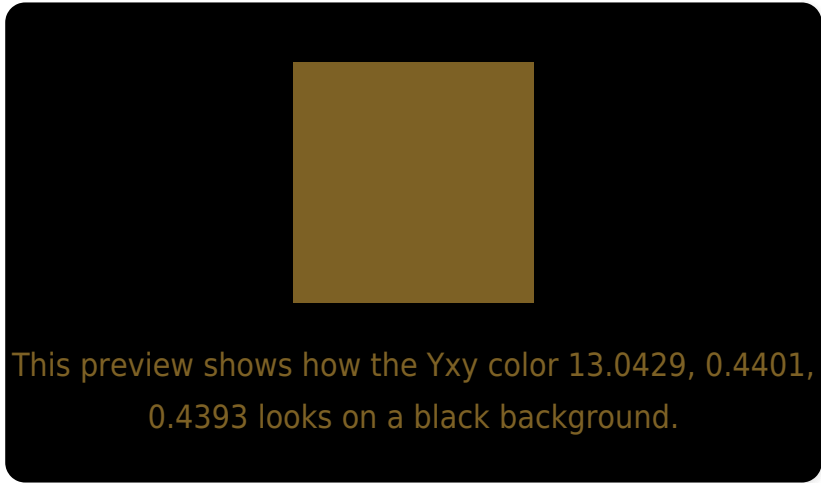
Large Text (above 18pt) WCAG AA ✓ Pass

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

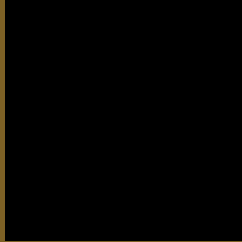
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.0429, 0.4401, 0.4393

Background



This preview shows how black text looks on a background with the Yxy color 13.0429, 0.4401, 0.4393.



This preview shows how white text looks on a background with the Yxy color 13.0429, 0.4401, 0.4393.

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

13.0429, 0.4401, 0.4393

Protanopia

13.1534, 0.4135, 0.4566

Deuteranopia

12.9349, 0.4431, 0.4368



Tritanopia

13.0311, 0.3631, 0.3154

Trichromacy



Original Color

13.0429, 0.4401, 0.4393

Protanomaly

13.0362, 0.4224, 0.4498

Deuteranomaly

12.9349, 0.4431, 0.4368

Tritanomaly

12.9397, 0.3961, 0.3629

Monochromacy



Original Color

13.0429, 0.4401, 0.4393

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.4453, 0.3602, 0.3781

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.0429, 0.4401, 0.4393 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, 97, 37)` looks like.

```
.text, #text, p{  
  color:rgb(125, 97, 37)  
}
```

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, 97, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 97, 37) }
```

Border

The CSS property to change the border of an element to Yxy 13.0429, 0.4401, 0.4393 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, 97, 37) }
```

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

```
.border{ border-color:rgb(125, 97, 37) }
```

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

Here you see how a box with a 4 pixel rgb(125, 97, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 97, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 97, 37);  
box-shadow:4px 4px 4px 4px rgb(125, 97,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 13.0429, 0.4401, 0.4393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 97, 37) }
```

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

```
.background{ background-color: rgb(125, 97,  
37) }
```

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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