

Converting Colors

$Y_{xy}(15.3376, 0.4037, 0.4263)$

Have a look what the booklet for
Yxy(15.3376, 0.4037, 0.4263)
contains.

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Color

Yxy(15.3805, 0.4043, 0.4271)

Conversions

Conversions Part 1

Format	Color
Hex	7D6C39
RGB	125, 108, 57
RGB Percent	49%, 42%, 22%
CMY	0.5098, 0.5765, 0.7765
CMYK	0.00, 0.14, 0.54, 0.51
HSL	45°, 37%, 36%
HSV	45°, 54%, 49%
XYZ	14.5594, 15.3805, 6.0715
YIQ	107.2690, 26.5030, -12.2570

Conversions

Conversions Part 2

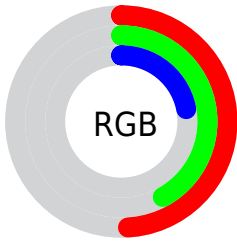
Format	Color
R_{YB}	80, 125, 57
Decimal	8219705
CIE Lab	46.15, -0.36, 30.75
CIE LCh	46, 30.750, 90.675
Yxy	15.3805, 0.4043, 0.4271
Android (android.graphics.Color)	4286409785 (0xFF7D6C39)
YUV	107.2690, -24.7826, 15.5501
Hunter-Lab	39.2180, -2.3644, 18.2736

Details

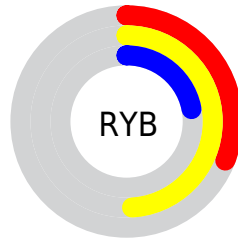
The Yxy color **15.3805, 0.4043, 0.4271** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.2488, 0.2209, 0.2043**, and the grayscale version is **14.8467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.3999, 0.3839, 0.4052**, and **4.8175, 0.4388, 0.4642** is the 20% darker color. If you saturate the color by 10%, you get **14.6238, 0.4217, 0.4418**, and if you desaturate by 10%, it is **16.1931, 0.3863, 0.4102**.

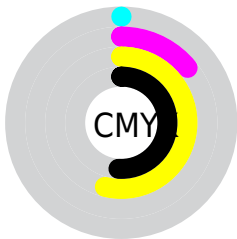
Distribution



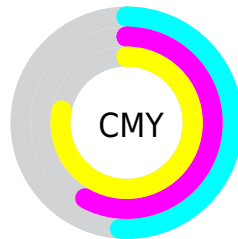
- Red (49%)
- Green (42%)
- Blue (22%)



- Red (31%)
- Yellow (49%)
- Blue (22%)



- Cyan (0%)
- Magenta (14%)
- Yellow (54%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.3805, 0.4043, 0.4271 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 15.3805, 0.4043, 0.4271 by changing the saturation by 10% instead.

15.3805, 0.4043,
0.4271

15.3805, 0.4043,
0.4271

225.6579, 0.3517,
0.3706

9.0869, 0.4192,
0.4432

35.5193, 0.3836,
0.4048

4.7979, 0.4387,
0.4643

50.1333, 0.3763,
0.3970

2.1292, 0.4853,
0.5147

68.2895, 0.3703,
0.3906

0.6810, 0.4839,
0.5161

90.3723, 0.3653,
0.3852

0.0000, 0.0000,
0.0000

116.7662, 0.3611,
0.3807

147.8555, 0.3575,

0.3769

184.0246, 0.3544,
0.3735

■ 15.3805, 0.4043,
0.4271

■ 15.3805, 0.4043,
0.4271

■ 14.6238, 0.4217,
0.4418

■ 16.1931, 0.3863,
0.4102

■ 13.9182, 0.4379,
0.4532

■ 17.0616, 0.3683,
0.3920

■ 13.2615, 0.4519,
0.4608

■ 17.9889, 0.3509,
0.3733

■ 12.6499, 0.4635,
0.4640

■ 18.9770, 0.3344,
0.3547

■ 12.3211, 0.4697,
0.4653

■ 20.0278, 0.3191,
0.3367

■ 21.1429, 0.3050,
0.3195

■ 22.3241, 0.2922,
0.3034

■ 23.5730, 0.2805,
0.2884

■ 24.8910, 0.2701,
0.2745

Harmonies

Analogous

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



15.3805, 0.4343, 0.3878



15.3805, 0.4043, 0.4271



15.3805, 0.3512, 0.4428

Triad

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



15.3805, 0.4043, 0.4271



15.3805, 0.2086, 0.2997



15.3805, 0.3261, 0.2577

Complementary

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



15.3805, 0.4043, 0.4271



7.2488, 0.2209, 0.2043

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.



15.3805, 0.2660, 0.2360



15.3805, 0.4043, 0.4271



15.3805, 0.2035, 0.2547

Square

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



15.3805, 0.4043, 0.4271



15.3805, 0.2389, 0.3624



15.3805, 0.2232, 0.2339



15.3805, 0.3879, 0.2946

Rectangle

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



15.3805, 0.4043, 0.4271



15.3805, 0.3106, 0.4319



15.3805, 0.2232, 0.2339



15.3805, 0.3049, 0.2485

Sweetspot

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



15.3812, 0.4043, 0.4271



33.6187, 0.3376, 0.3584



7.7963, 0.4211, 0.2932



7.5799, 0.3403, 0.3614



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.



15.3812, 0.4043, 0.4271



25.9023, 0.4254, 0.4445



18.2250, 0.3668, 0.4643



4.8430, 0.3262, 0.3451



12.8461, 0.4698, 0.4652



0.0000, 0.0000, 0.0000

Inverse Universe

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



7.2488, 0.2209, 0.2043



9.8112, 0.2001, 0.1712



5.8180, 0.2336, 0.1720



4.3730, 0.2993, 0.3124



2.5722, 0.1594, 0.0937



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 15.3805, 0.4043, 0.4271 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 15.3805, 0.4043, 0.4271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

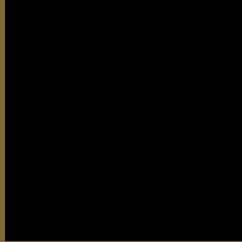
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.3805, 0.4043, 0.4271

Background



This preview shows how black text looks on a background with the Yxy color 15.3805, 0.4043, 0.4271.



This preview shows how white text looks on a background with the Yxy color 15.3805, 0.4043, 0.4271.

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

15.3805, 0.4043, 0.4271

Protanopia

15.5223, 0.3952, 0.4312

Deuteranopia

15.2744, 0.4207, 0.4134



Tritanopia

15.3744, 0.3424, 0.3139

Trichromacy



Original Color

15.3805, 0.4043, 0.4271

Protanomaly

15.3803, 0.3976, 0.4289

Deuteranomaly

15.2339, 0.4152, 0.4168

Tritanomaly

15.2452, 0.3661, 0.3546

Monochromacy



Original Color

15.3805, 0.4043, 0.4271

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.8141, 0.3467, 0.3668

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3805, 0.4043, 0.4271 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, 108, 57)` looks like.

```
.text, #text, p{  
    color:rgb(125, 108, 57)  
}
```

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, 108, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 108, 57) }
```

Border

The CSS property to change the border of an element to Yxy 15.3805, 0.4043, 0.4271 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, 108, 57) }
```

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

```
.border{ border-color:rgb(125, 108, 57) }
```

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

Here you see how a box with a 4 pixel rgb(125, 108, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 108, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 108, 57);  
box-shadow:4px 4px 4px 4px rgb(125, 108,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3805, 0.4043, 0.4271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 108, 57) }
```

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

```
.background{ background-color: rgb(125,  
108, 57) }
```

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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