

Converting Colors

$Y_{xy}(15.2339, 0.3900, 0.4401)$

Have a look what the booklet for
Yxy(15.2339, 0.3900, 0.4401)
contains.

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Color

Yxy(15.1407, 0.3911, 0.4397)

Conversions

Conversions Part 1

Format	Color
Hex	746E37
RGB	116, 110, 55
RGB Percent	45%, 43%, 22%
CMY	0.5451, 0.5686, 0.7843
CMYK	0.00, 0.05, 0.53, 0.55
HSL	54°, 36%, 34%
HSV	54°, 53%, 45%
XYZ	13.4672, 15.1407, 5.8263
YIQ	105.5240, 21.2310, -15.8330

Conversions

Conversions Part 2

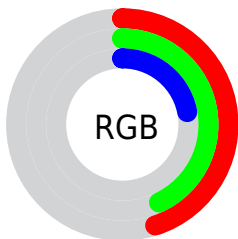
Format	Color
RYB	62, 116, 55
Decimal	7630391
CIELab	45.83, -5.83, 31.23
CIELCh	46, 31.771, 100.569
Yxy	15.1407, 0.3911, 0.4397
Android (android.graphics.Color)	4285820471 (0xFF746E37)
YUV	105.5240, -24.9083, 9.1875
Hunter-Lab	38.9111, -6.3151, 18.3601

Details

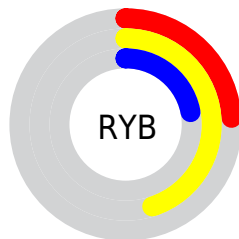
The Yxy color **15.1407, 0.3911, 0.4397** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.4085, 0.2203, 0.1863**, and the grayscale version is **14.3411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.9040, 0.3740, 0.4137**, and **4.7308, 0.4182, 0.4863** is the 20% darker color. If you saturate the color by 10%, you get **14.7988, 0.4045, 0.4569**, and if you desaturate by 10%, it is **15.5133, 0.3765, 0.4201**.

Distribution



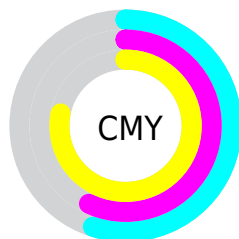
- Red (45%)
- Green (43%)
- Blue (22%)



- Red (24%)
- Yellow (45%)
- Blue (22%)



- Cyan (0%)
- Magenta (5%)
- Yellow (53%)
- Black (55%)




- Cyan (55%)
- Magenta (57%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1407, 0.3911, 0.4397 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 15.1407, 0.3911, 0.4397 by changing the saturation by 10% instead.


 15.1407, 0.3911,
0.4397


 15.1407, 0.3911,
0.4397


 224.2163, 0.3467,
0.3747


 8.9182, 0.4032,
0.4592


 35.0998, 0.3739,
0.4135


 4.6879, 0.4182,
0.4855

 49.6052, 0.3677,
0.4045


 2.0653, 0.4549,
0.5451

 67.6404, 0.3626,
0.3971

 0.6450, 0.4219,
0.5781

 89.5897, 0.3584,
0.3911

 0.0000, 0.0000,
0.0000

 115.8375, 0.3548,
0.3860

 146.7683, 0.3517,

0.3816

182.7664, 0.3490,
0.3779

■ 15.1407, 0.3911,
0.4397

■ 15.1407, 0.3911,
0.4397

■ 14.7988, 0.4045,
0.4569

■ 15.5133, 0.3765,
0.4201

■ 14.4837, 0.4160,
0.4710

■ 15.9162, 0.3613,
0.3991

■ 14.1938, 0.4254,
0.4813

■ 16.3517, 0.3459,
0.3773

■ 13.9267, 0.4323,
0.4877

■ 16.8212, 0.3308,
0.3556

■ 13.7359, 0.4369,
0.4913

■ 17.3260, 0.3163,
0.3344

■ 17.8674, 0.3027,
0.3141

■ 18.4467, 0.2899,
0.2949

■ 19.0649, 0.2782,
0.2771

■ 19.7231, 0.2674,
0.2606

Harmonies

Analogous

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



15.1407, 0.4320, 0.4044



15.1407, 0.3911, 0.4397



15.1407, 0.3316, 0.4444

Triad

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



15.1407, 0.3911, 0.4397



15.1407, 0.2004, 0.2803



15.1407, 0.3485, 0.2664

Complementary

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



15.1407, 0.3911, 0.4397



5.4085, 0.2203, 0.1863

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.



15.1407, 0.2833, 0.2382



15.1407, 0.3911, 0.4397



15.1407, 0.2038, 0.2421

Square

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



15.1407, 0.3911, 0.4397



15.1407, 0.2231, 0.3411



15.1407, 0.2322, 0.2289



15.1407, 0.4084, 0.3082

Rectangle

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



15.1407, 0.3911, 0.4397



15.1407, 0.2897, 0.4235



15.1407, 0.2322, 0.2289



15.1407, 0.3262, 0.2552

Sweetspot

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



15.1414, 0.3911, 0.4397



29.2501, 0.3365, 0.3638



6.7824, 0.4391, 0.3164



6.9466, 0.3389, 0.3673



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



15.1414, 0.3911, 0.4397



25.9019, 0.4069, 0.4600



15.0195, 0.3507, 0.4658



4.2078, 0.3256, 0.3480



15.4020, 0.4370, 0.4912



74.3561, 0.4380, 0.4904

Inverse Universe

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



5.4085, 0.2203, 0.1863



6.8249, 0.1976, 0.1492



5.6719, 0.2537, 0.1850



3.6424, 0.2995, 0.3093



1.6784, 0.1528, 0.0699



7.5712, 0.1515, 0.0652

Previews

White Background



This preview shows how the Yxy color 15.1407, 0.3911, 0.4397 looks on a white background.

Color Contrast Check

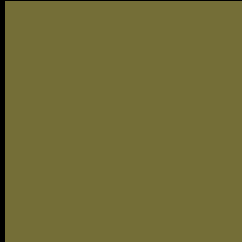
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1407, 0.3911, 0.4397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

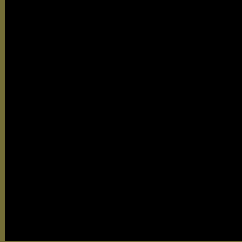
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.1407, 0.3911, 0.4397

Background



This preview shows how black text looks on a background with the Yxy color 15.1407, 0.3911, 0.4397.



This preview shows how white text looks on a background with the Yxy color 15.1407, 0.3911, 0.4397.

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

15.1407, 0.3911, 0.4397

Protanopia

15.2062, 0.3981, 0.4354

Deuteranopia

14.9824, 0.4216, 0.4139



Tritanopia

15.2081, 0.3276, 0.3133

Trichromacy



Original Color

15.1407, 0.3911, 0.4397

Protanomaly

15.1351, 0.3966, 0.4360

Deuteranomaly

15.1056, 0.4105, 0.4242

Tritanomaly

15.0565, 0.3532, 0.3596

Monochromacy



Original Color

15.1407, 0.3911, 0.4397

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

14.5185, 0.3435, 0.3719

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.1407, 0.3911, 0.4397 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(116, 110, 55)` looks like.

```
.text, #text, p{  
    color:rgb(116, 110, 55)  
}
```

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(116, 110, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 110, 55) }
```

Border

The CSS property to change the border of an element to Yxy 15.1407, 0.3911, 0.4397 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(116, 110, 55) }
```

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

```
.border{ border-color:rgb(116, 110, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 110, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 110, 55); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 110, 55); box-shadow:4px 4px 4px 4px rgb(116, 110, 55) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1407, 0.3911, 0.4397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 110, 55) }
```

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

```
.background{ background-color: rgb(116,  
110, 55) }
```

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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