

Converting Colors

$Y_{xy}(11.1974, 0.4320, 0.4369)$

Have a look what the booklet for
Yxy(11.1974, 0.4320, 0.4369)
contains.

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Color

Yxy(11.2606, 0.4330, 0.4374)

Conversions

Conversions Part 1

Format	Color
Hex	735B25
RGB	115, 91, 37
RGB Percent	45%, 36%, 15%
CMY	0.5489, 0.6432, 0.8549
CMYK	0.00, 0.21, 0.68, 0.55
HSL	42°, 51%, 30%
HSV	42°, 68%, 45%
XYZ	11.1473, 11.2606, 3.3365
YIQ	92.0200, 31.6380, -11.7060

Conversions

Conversions Part 2

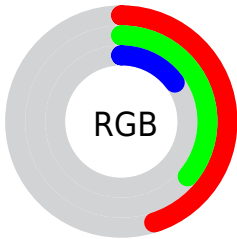
Format	Color
R_{YB}	72, 115, 37
Decimal	7559973
CIE _{Lab}	40.02, 3.30, 33.99
CIE _{LCh}	40, 34.153, 84.460
Yxy	11.2606, 0.4330, 0.4374
Android (android.graphics.Color)	4285750053 (0xFF735B25)
YUV	92.0200, -27.1249, 20.1535
Hunter-Lab	33.5568, 0.5719, 17.5947

Details

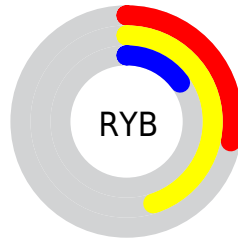
The Yxy color **11.2606, 0.4330, 0.4374** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4.9723, 0.2018, 0.1815**, and the grayscale version is **10.7663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1249, 0.4043, 0.4137**, and **3.0440, 0.4712, 0.4640** is the 20% darker color. If you saturate the color by 10%, you get **10.6086, 0.4507, 0.4469**, and if you desaturate by 10%, it is **11.9651, 0.4141, 0.4246**.

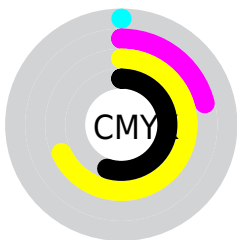
Distribution



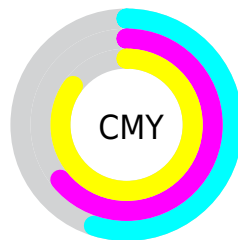
- Red (45%)
- Green (36%)
- Blue (15%)



- Red (28%)
- Yellow (45%)
- Blue (15%)



- Cyan (0%)
- Magenta (21%)
- Yellow (68%)
- Black (55%)





- Cyan (55%)
- Magenta (64%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2606, 0.4330, 0.4374 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 11.2606, 0.4330, 0.4374 by changing the saturation by 10% instead.


 11.2606, 0.4330,
0.4374


 11.2606, 0.4330,
0.4374


199.4468, 0.3616,
0.3745


 6.2424, 0.4535,
0.4541


 28.1411, 0.4044,
0.4129

 2.9930, 0.5001,
0.4940

 40.7721, 0.3944,
0.4041


 1.1281, 0.5090,
0.4910

 56.7096, 0.3863,
0.3969

 0.0018, 0.9789,
0.0211

 76.3378, 0.3796,
0.3909

 0.0000, 0.0000,
0.0000

 100.0413, 0.3740,
0.3858

 128.2043, 0.3692,

0.3815

161.2114, 0.3651,
0.3778

11.2606, 0.4330,
0.4374

11.2606, 0.4330,
0.4374

10.6086, 0.4507,
0.4469

11.9651, 0.4141,
0.4246

10.0047, 0.4663,
0.4522

12.7228, 0.3947,
0.4095

9.4432, 0.4801,
0.4541

13.5362, 0.3756,
0.3929

9.3250, 0.4832,
0.4546

14.4074, 0.3573,
0.3756

15.3382, 0.3401,
0.3584

■ 16.3303, 0.3242,
0.3416

■ 17.3852, 0.3097,
0.3256

■ 18.5046, 0.2966,
0.3105

■ 19.6898, 0.2847,
0.2964

Harmonies

Analogous

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



11.2606, 0.4637, 0.3849



11.2606, 0.4330, 0.4374



11.2606, 0.3719, 0.4689

Triad

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



11.2606, 0.4330, 0.4374



11.2606, 0.1923, 0.3059



11.2606, 0.3119, 0.2367

Complementary

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



11.2606, 0.4330, 0.4374



4.9723, 0.2018, 0.1815

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.



11.2606, 0.2429, 0.2154



11.2606, 0.4330, 0.4374



11.2606, 0.1810, 0.2463

Square

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



11.2606, 0.4330, 0.4374



11.2606, 0.2333, 0.3870



11.2606, 0.1982, 0.2173



11.2606, 0.3903, 0.2766

Rectangle

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



11.2606, 0.4330, 0.4374



11.2606, 0.3233, 0.4651



11.2606, 0.1982, 0.2173



11.2606, 0.2867, 0.2272

Sweetspot

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



11.2611, 0.4330, 0.4374



26.9956, 0.3446, 0.3630



5.3143, 0.4525, 0.2797



6.3509, 0.3484, 0.3669



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.



11.2611, 0.4330, 0.4374



18.4061, 0.4593, 0.4503



15.1502, 0.3807, 0.4886



4.0851, 0.3261, 0.3436



10.6177, 0.4837, 0.4541



50.1704, 0.4880, 0.4507

Inverse Universe

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



4.9723, 0.2018, 0.1815



6.3816, 0.1807, 0.1443



3.2735, 0.2055, 0.1309



3.7569, 0.2995, 0.3139



2.7818, 0.1632, 0.1076



12.1977, 0.1607, 0.0986

Previews

White Background



This preview shows how the Yxy color 11.2606, 0.4330, 0.4374 looks on a white background.

Color Contrast Check

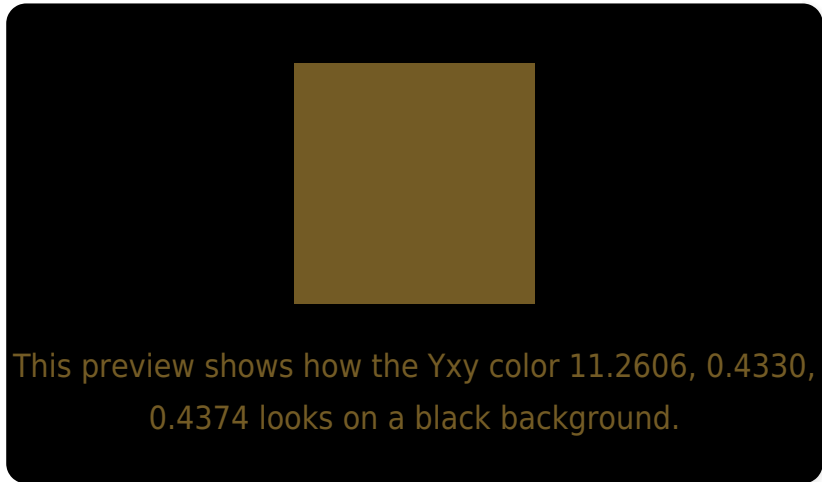
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.2606, 0.4330, 0.4374

Background



This preview shows how black text looks on a background with the Yxy color 11.2606, 0.4330, 0.4374.



This preview shows how white text looks on a background with the Yxy color 11.2606, 0.4330, 0.4374.

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

11.2606, 0.4330, 0.4374

Protanopia

11.3276, 0.4095, 0.4518

Deuteranopia

11.2975, 0.4394, 0.4331



Tritanopia

11.1916, 0.3593, 0.3145

Trichromacy



Original Color

11.2606, 0.4330, 0.4374

Protanomaly

11.3966, 0.4176, 0.4464

Deuteranomaly

11.2278, 0.4377, 0.4339

Tritanomaly

11.1358, 0.3908, 0.3612

Monochromacy



Original Color

11.2606, 0.4330, 0.4374

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.8315, 0.3564, 0.3766

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2606, 0.4330, 0.4374 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(115, 91, 37)` looks like.

```
.text, #text, p{  
    color:rgb(115, 91, 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(115, 91, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 91, 37) }
```

Border

The CSS property to change the border of an element to Yxy 11.2606, 0.4330, 0.4374 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(115, 91, 37) }
```

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

```
.border{ border-color:rgb(115, 91, 37) }
```

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

Here you see how a box with a 4 pixel rgb(115, 91, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 91, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 91, 37);  
box-shadow:4px 4px 4px 4px rgb(115, 91,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2606, 0.4330, 0.4374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 91, 37) }
```

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

```
.background{ background-color: rgb(115, 91,  
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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