

Converting Colors

$Y_{xy}(15.3465, 0.4167, 0.3797)$

Have a look what the booklet for
Yxy(15.3465, 0.4167, 0.3797)
contains.

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Color

Yxy(15.3330, 0.4177, 0.3794)

Conversions

Conversions Part 1

Format	Color
Hex	8E6448
RGB	142, 100, 72
RGB Percent	56%, 39%, 28%
CMY	0.4432, 0.6078, 0.7177
CMYK	0.00, 0.30, 0.49, 0.44
HSL	24°, 33%, 42%
HSV	24°, 49%, 56%
XYZ	16.8808, 15.3330, 8.2000
YIQ	109.3660, 34.0200, 0.1960

Conversions

Conversions Part 2

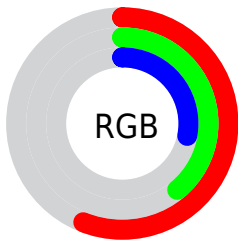
Format	Color
RYB	142, 119, 72
Decimal	9331784
CIELab	46.09, 13.44, 22.59
CIELCh	46, 26.282, 59.252
Yxy	15.3330, 0.4177, 0.3794
Android (android.graphics.Color)	4287521864 (0xFF8E6448)
YUV	109.3660, -18.4214, 28.6200
Hunter-Lab	39.1574, 8.4264, 14.9942

Details

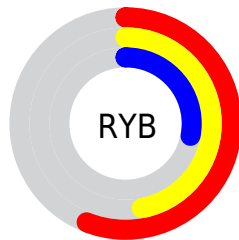
The Yxy color **15.3330, 0.4177, 0.3794** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **15.3600, 0.2390, 0.2706**, and the grayscale version is **15.4487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.5195, 0.3927, 0.3689**, and **4.7539, 0.4639, 0.3936** is the 20% darker color. If you saturate the color by 10%, you get **13.6199, 0.4473, 0.3881**, and if you desaturate by 10%, it is **17.2612, 0.3907, 0.3693**.

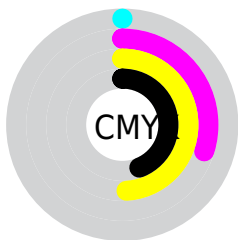
Distribution



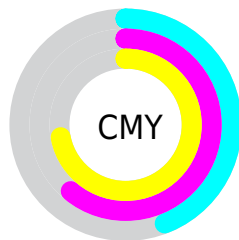
- Red (56%)
- Green (39%)
- Blue (28%)



- Red (56%)
- Yellow (47%)
- Blue (28%)



- Cyan (0%)
- Magenta (30%)
- Yellow (49%)
- Black (44%)





- Cyan (44%)
- Magenta (61%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.3330, 0.4177, 0.3794 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 15.3330, 0.4177, 0.3794 by changing the saturation by 10% instead.


 15.3330, 0.4177,
0.3794

 15.3330, 0.4177,
0.3794


225.3730, 0.3555,
0.3520


 9.0534, 0.4372,
0.3864


 35.4363, 0.3923,
0.3691


 4.7760, 0.4649,
0.3947

 50.0288, 0.3837,
0.3653

 2.1165, 0.5176,
0.4123

 68.1611, 0.3767,
0.3621

 0.6739, 0.5913,
0.4087

 90.2176, 0.3710,
0.3595

 0.0000, 0.0000,
0.0000

 116.5826, 0.3662,
0.3572

147.6406, 0.3621,

0.3552

183.7759, 0.3586,
0.3535

■ 15.3330, 0.4177,
0.3794

■ 15.3330, 0.4177,
0.3794

■ 13.6199, 0.4473,
0.3881

■ 17.2612, 0.3907,
0.3693

■ 12.1116, 0.4784,
0.3944

■ 19.4099, 0.3667,
0.3587

■ 10.7997, 0.5095,
0.3970

■ 21.7873, 0.3456,
0.3482

■ 9.6747, 0.5384,
0.3950

■ 24.4001, 0.3274,
0.3380

■ 8.7207, 0.5642,
0.3891

■ 27.2551, 0.3117,
0.3283

■ 8.6590, 0.5660,
0.3887

■ 30.3585, 0.2982,
0.3194

■ 33.7164, 0.2865,
0.3112

■ 37.3346, 0.2765,
0.3036

■ 41.2189, 0.2678,
0.2967

Harmonies

Analogous

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



15.3330, 0.4111, 0.3380



15.3330, 0.4177, 0.3794



15.3330, 0.3940, 0.4129

Triad

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



15.3330, 0.4177, 0.3794



15.3330, 0.2512, 0.3603



15.3330, 0.2706, 0.2473

Complementary

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



15.3330, 0.4177, 0.3794



15.3600, 0.2390, 0.2706

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.



15.3330, 0.2338, 0.2469



15.3330, 0.4177, 0.3794



15.3330, 0.2231, 0.3071

Square

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



15.3330, 0.4177, 0.3794



15.3330, 0.2968, 0.4069



15.3330, 0.2173, 0.2668



15.3330, 0.3220, 0.2656

Rectangle

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



15.3330, 0.4177, 0.3794



15.3330, 0.3657, 0.4247



15.3330, 0.2173, 0.2668



15.3330, 0.2563, 0.2450

Sweetspot

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



15.3337, 0.4177, 0.3794



40.2108, 0.3380, 0.3440



11.5989, 0.3637, 0.2555



8.7947, 0.3415, 0.3459



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



15.3337, 0.4177, 0.3794



23.7582, 0.4501, 0.3888



23.5431, 0.3879, 0.4352



5.7562, 0.3272, 0.3378



7.8099, 0.5653, 0.3893



0.1158, 0.4954, 0.4448

Inverse Universe

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



15.3600, 0.2390, 0.2706



23.7796, 0.2244, 0.2548



8.9216, 0.2248, 0.1938



5.7590, 0.2990, 0.3200



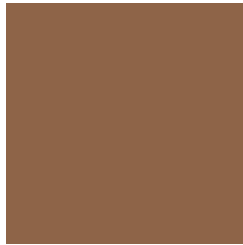
7.6475, 0.1878, 0.1959



0.1164, 0.2059, 0.2613

Previews

White Background



This preview shows how the Yxy color 15.3330, 0.4177, 0.3794 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 15.3330, 0.4177, 0.3794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

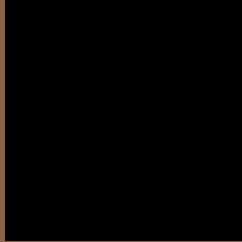
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.3330, 0.4177, 0.3794

Background



This preview shows how black text looks on a background with the Yxy color 15.3330, 0.4177, 0.3794.



This preview shows how white text looks on a background with the Yxy color 15.3330, 0.4177, 0.3794.

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

15.3330, 0.4177, 0.3794

Protanopia

15.3106, 0.3691, 0.3967

Deuteranopia

15.4636, 0.3997, 0.3936



Tritanopia

15.3648, 0.3774, 0.3168

Trichromacy



Original Color

15.3330, 0.4177, 0.3794

Protanomaly

15.3281, 0.3860, 0.3898

Deuteranomaly

15.3897, 0.4075, 0.3885

Tritanomaly

15.2514, 0.3927, 0.3382

Monochromacy



Original Color

15.3330, 0.4177, 0.3794

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

15.2175, 0.3477, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3330, 0.4177, 0.3794 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(142, 100, 72)` looks like.

```
.text, #text, p{  
    color:rgb(142, 100, 72)  
}
```

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(142, 100, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 100, 72) }
```

Border

The CSS property to change the border of an element to Yxy 15.3330, 0.4177, 0.3794 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(142, 100, 72) }
```

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

```
.border{ border-color:rgb(142, 100, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 100, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 100, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 100, 72);  
box-shadow:4px 4px 4px 4px rgb(142, 100,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3330, 0.4177, 0.3794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 100, 72) }
```

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

```
.background{ background-color: rgb(142,  
100, 72) }
```

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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