

Converting Colors

$Y_{xy}(15.4718, 0.3371, 0.4376)$

Have a look what the booklet for
Yxy(15.4718, 0.3371, 0.4376)
contains.

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Color

Yxy(15.4794, 0.3374, 0.4371)

Conversions

Conversions Part 1

Format	Color
Hex	5D7545
RGB	93, 117, 69
RGB Percent	36%, 46%, 27%
CMY	0.6353, 0.5412, 0.7295
CMYK	0.21, 0.00, 0.41, 0.54
HSL	90°, 26%, 36%
HSV	90°, 41%, 46%
XYZ	11.9486, 15.4794, 7.9858
YIQ	104.3520, 1.1040, -20.0160

Conversions

Conversions Part 2

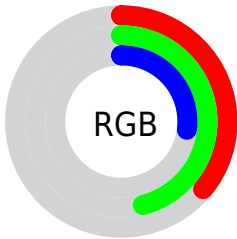
Format	Color
R _Y B	69, 117, 93
Decimal	6124869
CIE Lab	46.28, -17.99, 23.67
CIE LCh	46, 29.730, 127.239
Yxy	15.4794, 0.3374, 0.4371
Android (android.graphics.Color)	4284314949 (0xFF5D7545)
YUV	104.3520, -17.4285, -9.9557
Hunter-Lab	39.3439, -14.6418, 15.5063

Details

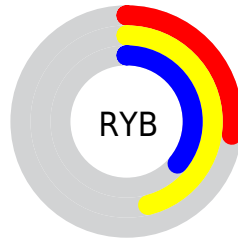
The Yxy color **15.4794, 0.3374, 0.4371** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.8662, 0.2772, 0.2213**, and the grayscale version is **13.9898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.6132, 0.3326, 0.4091**, and **4.8801, 0.3415, 0.4938** is the 20% darker color. If you saturate the color by 10%, you get **15.0551, 0.3417, 0.4656**, and if you desaturate by 10%, it is **15.9571, 0.3321, 0.4087**.

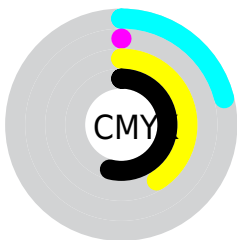
Distribution



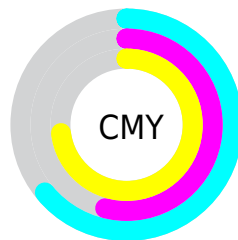
- Red (36%)
- Green (46%)
- Blue (27%)



- Red (27%)
- Yellow (46%)
- Blue (36%)



- Cyan (21%)
- Magenta (0%)
- Yellow (41%)
- Black (54%)




- Cyan (64%)
- Magenta (54%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4794, 0.3374, 0.4371 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 15.4794, 0.3374, 0.4371 by changing the saturation by 10% instead.


 15.4794, 0.3374,
0.4371


 15.4794, 0.3374,
0.4371


226.2498, 0.3245,
0.3711

 9.1565, 0.3401,
0.4593


 35.6920, 0.3328,
0.4094


 4.8434, 0.3426,
0.4923

 50.3506, 0.3310,
0.4002

 2.1557, 0.3544,
0.5649

 68.5564, 0.3295,
0.3929

 0.6957, 0.2419,
0.7581

 90.6941, 0.3282,
0.3869

 0.0000, 0.0000,
0.0000

 117.1478, 0.3271,
0.3819

148.3021, 0.3261,

0.3778

184.5413, 0.3253,
0.3742

■ 15.4794, 0.3374,
0.4371

■ 15.4794, 0.3374,
0.4371

■ 15.0551, 0.3417,
0.4656

■ 15.9571, 0.3321,
0.4087

■ 14.6800, 0.3447,
0.4930

■ 16.4881, 0.3261,
0.3813

■ 14.3522, 0.3459,
0.5180

■ 17.0752, 0.3198,
0.3554

■ 14.0693, 0.3452,
0.5394

■ 17.7202, 0.3134,
0.3314

■ 13.8280, 0.3425,
0.5561

■ 18.4247, 0.3071,
0.3094

■ 13.6382, 0.3393,
0.5688

■ 19.1904, 0.3010,
0.2895

■ 20.0190, 0.2952,
0.2715

■ 20.9118, 0.2897,
0.2554

■ 21.8705, 0.2846,
0.2410

Harmonies

Analogous

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



15.4794, 0.3916, 0.4298



15.4794, 0.3374, 0.4371



15.4794, 0.2793, 0.4060

Triad

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



15.4794, 0.3374, 0.4371



15.4794, 0.2090, 0.2508



15.4794, 0.3964, 0.3050

Complementary

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



15.4794, 0.3374, 0.4371



7.8662, 0.2772, 0.2213

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.



15.4794, 0.3393, 0.2667



15.4794, 0.3374, 0.4371



15.4794, 0.2334, 0.2355

Square

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



15.4794, 0.3374, 0.4371



15.4794, 0.2087, 0.2896



15.4794, 0.2793, 0.2419



15.4794, 0.4293, 0.3505

Rectangle

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



15.4794, 0.3374, 0.4371



15.4794, 0.2463, 0.3684



15.4794, 0.2793, 0.2419



15.4794, 0.3790, 0.2911

Sweetspot

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



15.4801, 0.3374, 0.4371



30.4346, 0.3206, 0.3586



12.0398, 0.3892, 0.3802



6.9740, 0.3212, 0.3610



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.



15.4801, 0.3374, 0.4371



27.0123, 0.3414, 0.4634



14.4181, 0.3071, 0.4478



4.1798, 0.3185, 0.3504



15.0156, 0.3390, 0.5690



72.6636, 0.3353, 0.5720

Inverse Universe

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



7.8662, 0.2772, 0.2213



11.4333, 0.2666, 0.1952



9.3213, 0.3172, 0.2333



3.6714, 0.3065, 0.3076



2.4139, 0.2058, 0.0907



11.2538, 0.2005, 0.0878

Previews

White Background



This preview shows how the Yxy color 15.4794, 0.3374, 0.4371 looks on a white background.

Color Contrast Check

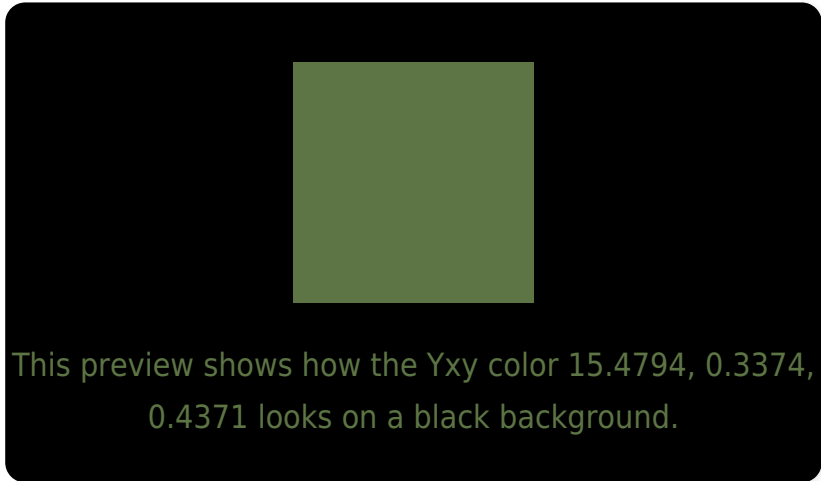
Large Text (above 18pt) WCAG AA ✓ Pass

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

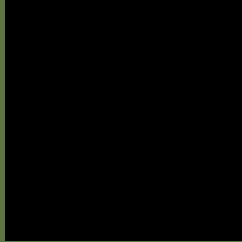
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.4794, 0.3374, 0.4371

Background



This preview shows how black text looks on a background with the Yxy color 15.4794, 0.3374, 0.4371.



This preview shows how white text looks on a background with the Yxy color 15.4794, 0.3374, 0.4371.

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

15.4794, 0.3374, 0.4371

Protanopia

15.3237, 0.3849, 0.4154

Deuteranopia

15.3963, 0.3969, 0.3922



Tritanopia

15.4343, 0.2880, 0.3102

Trichromacy



Original Color

15.4794, 0.3374, 0.4371

Protanomaly

15.3086, 0.3666, 0.4239

Deuteranomaly

15.1741, 0.3741, 0.4071

Tritanomaly

15.2912, 0.3063, 0.3552

Monochromacy



Original Color

15.4794, 0.3374, 0.4371

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

14.4019, 0.3232, 0.3690

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4794, 0.3374, 0.4371 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(93, 117, 69)` looks like.

```
.text, #text, p{  
    color:rgb(93, 117, 69)  
}
```

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(93, 117, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 117, 69) }
```

Border

The CSS property to change the border of an element to Yxy 15.4794, 0.3374, 0.4371 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(93, 117, 69) }
```

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

```
.border{ border-color:rgb(93, 117, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 117, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 117, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 117, 69);  
box-shadow:4px 4px 4px 4px rgb(93, 117,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4794, 0.3374, 0.4371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 117, 69) }
```

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

```
.background{ background-color: rgb(93, 117,  
69) }
```

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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