

Converting Colors

$Y_{xy}(15.2687, 0.3070, 0.4328)$

Have a look what the booklet for
Yxy(15.2687, 0.3070, 0.4328)
contains.

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Color

Yxy(15.2113, 0.3067, 0.4319)

Conversions

Conversions Part 1

Format	Color
Hex	4B774C
RGB	75, 119, 76
RGB Percent	29%, 47%, 30%
CMY	0.7060, 0.5333, 0.7019
CMYK	0.37, 0.00, 0.36, 0.53
HSL	121°, 23%, 38%
HSV	121°, 37%, 47%
XYZ	10.8018, 15.2113, 9.2064
YIQ	100.9420, -12.4210, -22.7010

Conversions

Conversions Part 2

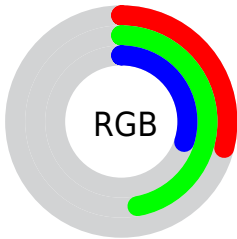
Format	Color
RYB	75, 118, 119
Decimal	4945740
CIELab	45.92, -24.72, 18.98
CIELCh	46, 31.163, 142.478
Yxy	15.2113, 0.3067, 0.4319
Android (android.graphics.Color)	4283135820 (0xFF4B774C)
YUV	100.9420, -12.2964, -22.7511
Hunter-Lab	39.0017, -18.8159, 13.3057

Details

The Yxy color **15.2113, 0.3067, 0.4319** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **10.2584, 0.3184, 0.2439**, and the grayscale version is **13.0320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4213, 0.3100, 0.4058**, and **4.7123, 0.2993, 0.4880** is the 20% darker color. If you saturate the color by 10%, you get **14.6290, 0.3049, 0.4652**, and if you desaturate by 10%, it is **15.9139, 0.3085, 0.4003**.

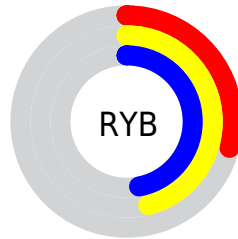
Distribution



Red (29%)

Green (47%)

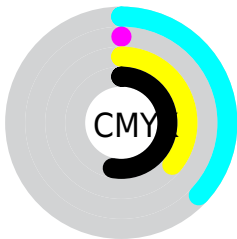
Blue (30%)



Red (29%)

Yellow (46%)

Blue (47%)

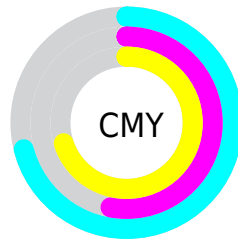


Cyan (37%)

Magenta (0%)

Yellow (36%)

Black (53%)



Cyan (71%)


Magenta (53%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2113, 0.3067, 0.4319 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 15.2113, 0.3067, 0.4319 by changing the saturation by 10% instead.


 15.2113, 0.3067,
0.4319


 15.2113, 0.3067,
0.4319


224.6416, 0.3118,
0.3682


 8.9678, 0.3039,
0.4542


 35.2234, 0.3094,
0.4047


 4.7202, 0.2985,
0.4883

 49.7609, 0.3101,
0.3959


 2.0840, 0.2901,
0.5528

 67.8318, 0.3107,
0.3889

 0.6556, 0.0293,
0.9707

 89.8205, 0.3110,
0.3832

 0.0000, 0.0000,
0.0000

 116.1114, 0.3113,
0.3785

147.0890, 0.3115,

0.3745

183.1376, 0.3117,
0.3711

■ 15.2113, 0.3067,
0.4319

■ 15.2113, 0.3067,
0.4319

■ 14.6290, 0.3049,
0.4652

■ 15.9139, 0.3085,
0.4003

■ 14.1584, 0.3033,
0.4988

■ 16.7409, 0.3101,
0.3713

■ 13.7930, 0.3018,
0.5305


■ 17.6986, 0.3117,
0.3453


■ 13.5246, 0.3007,
0.5580

■ 18.7924, 0.3131,
0.3225


■ 13.3441, 0.3000,
0.5793


■ 20.0272, 0.3144,
0.3025


 13.2319, 0.2995,
0.5936

 21.4079, 0.3156,
0.2852

 13.2013, 0.2993,
0.5975

 22.9390, 0.3166,
0.2703

 24.6248, 0.3175,
0.2574

 26.4695, 0.3183,
0.2463

Harmonies

Analogous

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



15.2113, 0.3679, 0.4439



15.2113, 0.3067, 0.4319



15.2113, 0.2503, 0.3808

Triad

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



15.2113, 0.3067, 0.4319



15.2113, 0.2140, 0.2358



15.2113, 0.4229, 0.3272

Complementary

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



15.2113, 0.3067, 0.4319



10.2584, 0.3184, 0.2439

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.



15.2113, 0.3731, 0.2826



15.2113, 0.3067, 0.4319



15.2113, 0.2513, 0.2319

Square

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



15.2113, 0.3067, 0.4319



15.2113, 0.2007, 0.2635



15.2113, 0.3085, 0.2488



15.2113, 0.4387, 0.3756

Rectangle

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



15.2113, 0.3067, 0.4319



15.2113, 0.2226, 0.3368



15.2113, 0.3085, 0.2488



15.2113, 0.4094, 0.3116

Sweetspot

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



15.2119, 0.3067, 0.4319



30.9265, 0.3111, 0.3561



17.5734, 0.3645, 0.4166



7.2860, 0.3109, 0.3588



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



15.2119, 0.3067, 0.4319



26.3742, 0.3053, 0.4589



15.5666, 0.2842, 0.3785



4.0995, 0.3114, 0.3503



14.0238, 0.2993, 0.5976



68.3220, 0.2997, 0.5990

Inverse Universe

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



10.2584, 0.3184, 0.2439



16.1880, 0.3197, 0.2263



9.8004, 0.3558, 0.2847



3.7565, 0.3140, 0.3085



5.5111, 0.3267, 0.1573



26.8377, 0.3270, 0.1575

Previews

White Background



This preview shows how the Yxy color 15.2113, 0.3067, 0.4319 looks on a white background.

Color Contrast Check

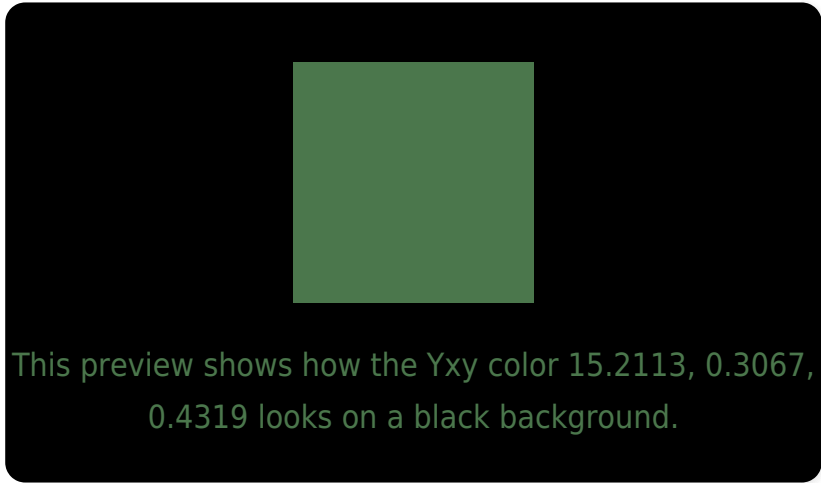
Large Text (above 18pt) WCAG AA ✓ Pass

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

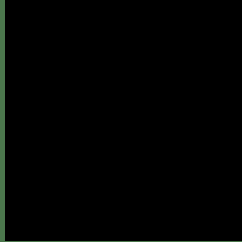
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.2113, 0.3067, 0.4319

Background



This preview shows how black text looks on a background with the Yxy color 15.2113, 0.3067, 0.4319.



This preview shows how white text looks on a background with the Yxy color 15.2113, 0.3067, 0.4319.

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

15.2113, 0.3067, 0.4319

Protanopia

15.0446, 0.3750, 0.4029

Deuteranopia

15.0543, 0.3834, 0.3781



Tritanopia

15.1002, 0.2678, 0.3094

Trichromacy



Original Color

15.2113, 0.3067, 0.4319

Protanomaly

14.8942, 0.3476, 0.4150

Deuteranomaly

14.7385, 0.3530, 0.3957

Tritanomaly

15.0307, 0.2825, 0.3517

Monochromacy



Original Color

15.2113, 0.3067, 0.4319

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.7731, 0.3110, 0.3658

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2113, 0.3067, 0.4319 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(75, 119, 76)` looks like.

```
.text, #text, p{  
    color:rgb(75, 119, 76)  
}
```

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(75, 119, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 119, 76) }
```

Border

The CSS property to change the border of an element to Yxy 15.2113, 0.3067, 0.4319 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(75, 119, 76) }
```

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

```
.border{ border-color:rgb(75, 119, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 119, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 119, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 119, 76);  
box-shadow:4px 4px 4px 4px rgb(75, 119,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2113, 0.3067, 0.4319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 119, 76) }
```

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

```
.background{ background-color: rgb(75, 119,  
76) }
```

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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