

Converting Colors

$Y_{xy}(15.5253, 0.3149, 0.4204)$

Have a look what the booklet for
Yxy(15.5253, 0.3149, 0.4204)
contains.

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Color

Yxy(15.4062, 0.3145, 0.4196)

Conversions

Conversions Part 1

Format	Color
Hex	54764F
RGB	84, 118, 79
RGB Percent	33%, 46%, 31%
CMY	0.6705, 0.5373, 0.6902
CMYK	0.29, 0.00, 0.33, 0.54
HSL	112°, 20%, 39%
HSV	112°, 33%, 46%
XYZ	11.5473, 15.4062, 9.7629
YIQ	103.3880, -7.7450, -19.3370

Conversions

Conversions Part 2

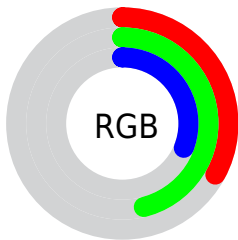
Format	Color
RYB	79, 118, 113
Decimal	5535311
CIELab	46.19, -20.40, 17.70
CIElCh	46, 27.011, 139.058
Yxy	15.4062, 0.3145, 0.4196
Android (android.graphics.Color)	4283725391 (0xFF54764F)
YUV	103.3880, -12.0233, -17.0033
Hunter-Lab	39.2507, -16.1753, 12.7282

Details

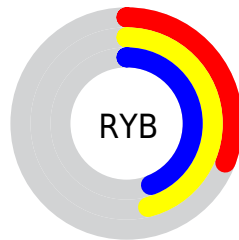
The Yxy color **15.4062, 0.3145, 0.4196** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **10.4102, 0.3083, 0.2493**, and the grayscale version is **13.7072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4589, 0.3158, 0.3962**, and **4.7651, 0.3114, 0.4667** is the 20% darker color. If you saturate the color by 10%, you get **14.8097, 0.3144, 0.4519**, and if you desaturate by 10%, it is **16.1042, 0.3142, 0.3891**.

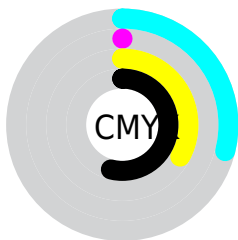
Distribution



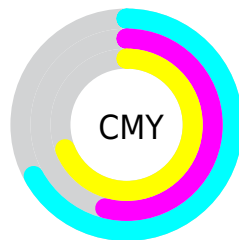
- Red (33%)
- Green (46%)
- Blue (31%)



- Red (31%)
- Yellow (46%)
- Blue (44%)



- Cyan (29%)
- Magenta (0%)
- Yellow (33%)
- Black (54%)





- Cyan (67%)
- Magenta (54%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4062, 0.3145, 0.4196 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 15.4062, 0.3145, 0.4196 by changing the saturation by 10% instead.


 15.4062, 0.3145,
0.4196


 15.4062, 0.3145,
0.4196


225.8118, 0.3147,
0.3640


 9.1050, 0.3136,
0.4388


 35.5642, 0.3150,
0.3960


 4.8097, 0.3113,
0.4680

 50.1898, 0.3151,
0.3883

 2.1360, 0.3066,
0.5198

 68.3589, 0.3150,
0.3821

 0.6848, 0.1824,
0.8176

 90.4560, 0.3150,
0.3771

 0.0000, 0.0000,
0.0000

 116.8654, 0.3149,
0.3730

147.9716, 0.3148,

0.3695

184.1590, 0.3147,
0.3665

■ 15.4062, 0.3145,
0.4196

■ 15.4062, 0.3145,
0.4196

■ 14.8097, 0.3144,
0.4519

■ 16.1042, 0.3142,
0.3891

■ 14.3081, 0.3137,
0.4850

■ 16.9060, 0.3137,
0.3612

■ 13.8970, 0.3126,
0.5169


■ 17.8164, 0.3130,
0.3361


■ 13.5710, 0.3108,
0.5458

■ 18.8393, 0.3121,
0.3138

■ 13.3240, 0.3086,
0.5695

■ 19.9783, 0.3112,
0.2943


 13.1488, 0.3060,
0.5864

 21.2369, 0.3102,
0.2772

 13.0596, 0.3048,
0.5962

 22.6185, 0.3093,
0.2622

 24.1262, 0.3083,
0.2493

 25.7633, 0.3074,
0.2379

Harmonies

Analogous

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



15.4062, 0.3672, 0.4271



15.4062, 0.3145, 0.4196



15.4062, 0.2639, 0.3795

Triad

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



15.4062, 0.3145, 0.4196



15.4062, 0.2237, 0.2494



15.4062, 0.4041, 0.3236

Complementary

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



15.4062, 0.3145, 0.4196



10.4102, 0.3083, 0.2493

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.



15.4062, 0.3590, 0.2846



15.4062, 0.3145, 0.4196



15.4062, 0.2546, 0.2431

Square

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



15.4062, 0.3145, 0.4196



15.4062, 0.2145, 0.2770



15.4062, 0.3032, 0.2560



15.4062, 0.4219, 0.3664

Rectangle

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



15.4062, 0.3145, 0.4196



15.4062, 0.2379, 0.3427



15.4062, 0.3032, 0.2560



15.4062, 0.3914, 0.3098

Sweetspot

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



15.4069, 0.3145, 0.4196



30.1554, 0.3135, 0.3539



16.1816, 0.3629, 0.3977



6.8942, 0.3136, 0.3567



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.



15.4069, 0.3145, 0.4196



26.2423, 0.3144, 0.4452



15.4147, 0.2931, 0.3864



4.1187, 0.3134, 0.3508



14.1254, 0.3047, 0.5963



68.6185, 0.3028, 0.5978

Inverse Universe

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



10.4102, 0.3083, 0.2493



15.9510, 0.3067, 0.2302



10.4375, 0.3396, 0.2780



3.7352, 0.3118, 0.3079



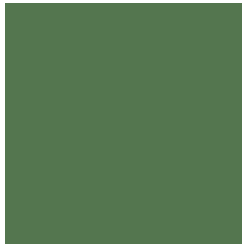
4.5196, 0.2898, 0.1370



21.7636, 0.2880, 0.1360

Previews

White Background



This preview shows how the Yxy color 15.4062, 0.3145, 0.4196 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 15.4062, 0.3145, 0.4196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

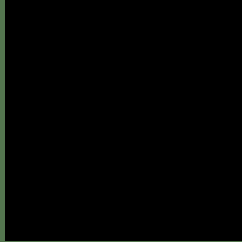
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.4062, 0.3145, 0.4196

Background



This preview shows how black text looks on a background with the Yxy color 15.4062, 0.3145, 0.4196.



This preview shows how white text looks on a background with the Yxy color 15.4062, 0.3145, 0.4196.

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

15.4062, 0.3145, 0.4196

Protanopia

15.2968, 0.3704, 0.3987

Deuteranopia

15.3015, 0.3784, 0.3741



Tritanopia

15.4395, 0.2755, 0.3098

Trichromacy



Original Color

15.4062, 0.3145, 0.4196

Protanomaly

15.1743, 0.3497, 0.4069

Deuteranomaly

15.1907, 0.3531, 0.3902

Tritanomaly

15.3768, 0.2895, 0.3490

Monochromacy



Original Color

15.4062, 0.3145, 0.4196

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

14.0201, 0.3140, 0.3606

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4062, 0.3145, 0.4196 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(84, 118, 79)` looks like.

```
.text, #text, p{  
    color:rgb(84, 118, 79)  
}
```

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(84, 118, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 118, 79) }
```

Border

The CSS property to change the border of an element to Yxy 15.4062, 0.3145, 0.4196 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(84, 118, 79) }
```

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

```
.border{ border-color:rgb(84, 118, 79) }
```

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

Here you see how a box with a 4 pixel rgb(84, 118, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 118, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 118, 79);  
box-shadow:4px 4px 4px 4px rgb(84, 118,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4062, 0.3145, 0.4196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 118, 79) }
```

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

```
.background{ background-color: rgb(84, 118,  
79) }
```

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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