

Converting Colors

$Yxy(15.0174, 0.3131, 0.4163)$

Have a look what the booklet for
Yxy(15.0174, 0.3131, 0.4163)
contains.

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Color

Yxy(15.1261, 0.3134, 0.4180)

Conversions

Conversions Part 1

Format	Color
Hex	53754F
RGB	83, 117, 79
RGB Percent	33%, 46%, 31%
CMY	0.6744, 0.5412, 0.6902
CMYK	0.29, 0.00, 0.32, 0.54
HSL	114°, 19%, 38%
HSV	114°, 32%, 46%
XYZ	11.3410, 15.1261, 9.7198
YIQ	102.5020, -8.0660, -19.0260

Conversions

Conversions Part 2

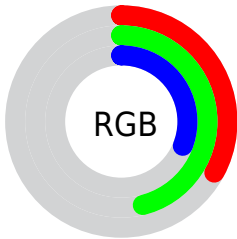
Format	Color
R_{YB}	79, 117, 113
Decimal	5469519
CIE _{Lab}	45.81, -20.25, 17.18
CIE _{LCh}	46, 26.557, 139.696
Yxy	15.1261, 0.3134, 0.4180
Android (android.graphics.Color)	4283659599 (0xFF53754F)
YUV	102.5020, -11.5865, -17.1033
Hunter-Lab	38.8923, -16.0111, 12.4071

Details

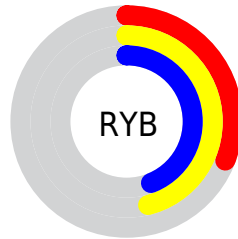
The Yxy color **15.1261, 0.3134, 0.4180** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **10.3870, 0.3098, 0.2511**, and the grayscale version is **13.4592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.9210, 0.3141, 0.3951**, and **4.6248, 0.3098, 0.4647** is the 20% darker color. If you saturate the color by 10%, you get **14.5303, 0.3130, 0.4504**, and if you desaturate by 10%, it is **15.8250, 0.3134, 0.3875**.

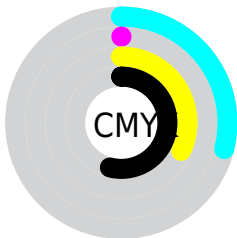
Distribution



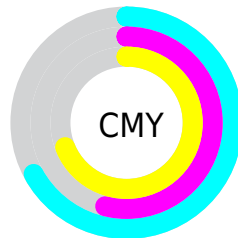
- Red (33%)
- Green (46%)
- Blue (31%)



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



- Cyan (29%)
- Magenta (0%)
- Yellow (32%)
- Black (54%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.1261, 0.3134, 0.4180 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 15.1261, 0.3134, 0.4180 by changing the saturation by 10% instead.


 15.1261, 0.3134,
0.4180


 15.1261, 0.3134,
0.4180


224.1282, 0.3142,
0.3632


 8.9079, 0.3123,
0.4370


 35.0742, 0.3142,
0.3947


 4.6812, 0.3098,
0.4660

 49.5730, 0.3143,
0.3871


 2.0614, 0.3049,
0.5181

 67.6008, 0.3143,
0.3811

 0.6428, 0.1535,
0.8465

 89.5419, 0.3143,
0.3761

 0.0000, 0.0000,
0.0000

 115.7808, 0.3143,
0.3721

146.7019, 0.3142,

0.3687

182.6896, 0.3142,
0.3657

■ 15.1261, 0.3134,
0.4180

■ 15.1261, 0.3134,
0.4180

■ 14.5303, 0.3130,
0.4504

■ 15.8250, 0.3134,
0.3875

■ 14.0310, 0.3122,
0.4837

■ 16.6296, 0.3132,
0.3597

■ 13.6236, 0.3110,
0.5160


■ 17.5447, 0.3128,
0.3347


■ 13.3025, 0.3093,
0.5452

■ 18.5744, 0.3123,
0.3127

■ 13.0613, 0.3072,
0.5693


■ 19.7223, 0.3117,
0.2933

 12.8928, 0.3049,
0.5865

 20.9921, 0.3111,
0.2764

 12.8032, 0.3039,
0.5969

 22.3872, 0.3104,
0.2617

 23.9110, 0.3097,
0.2490

 25.5666, 0.3091,
0.2379

Harmonies

Analogous

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



15.1261, 0.3657, 0.4263



15.1261, 0.3134, 0.4180



15.1261, 0.2635, 0.3778

Triad

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



15.1261, 0.3134, 0.4180



15.1261, 0.2250, 0.2498



15.1261, 0.4038, 0.3246

Complementary

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



15.1261, 0.3134, 0.4180



10.3870, 0.3098, 0.2511

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.



15.1261, 0.3596, 0.2858



15.1261, 0.3134, 0.4180



15.1261, 0.2561, 0.2440

Square

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



15.1261, 0.3134, 0.4180



15.1261, 0.2154, 0.2768



15.1261, 0.3045, 0.2571



15.1261, 0.4207, 0.3670

Rectangle

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



15.1261, 0.3134, 0.4180



15.1261, 0.2380, 0.3415



15.1261, 0.3045, 0.2571



15.1261, 0.3914, 0.3109

Sweetspot

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



15.1267, 0.3134, 0.4180



30.1249, 0.3132, 0.3539



16.0603, 0.3616, 0.3976



6.8865, 0.3132, 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.



15.1267, 0.3134, 0.4180



26.2668, 0.3131, 0.4423



15.1854, 0.2927, 0.3836



4.1150, 0.3131, 0.3508



14.1025, 0.3037, 0.5971



68.5337, 0.3020, 0.5984

Inverse Universe

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



10.3870, 0.3098, 0.2511



16.3622, 0.3088, 0.2331



10.3425, 0.3400, 0.2802



3.7393, 0.3122, 0.3080



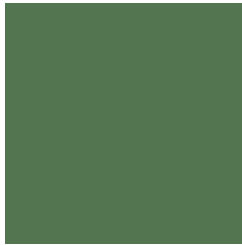
4.6968, 0.2954, 0.1401



22.6669, 0.2940, 0.1393

Previews

White Background



This preview shows how the Yxy color 15.1261, 0.3134, 0.4180 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 15.1261, 0.3134, 0.4180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

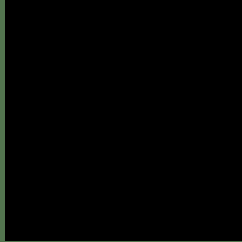
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.1261, 0.3134, 0.4180

Background



This preview shows how black text looks on a background with the Yxy color 15.1261, 0.3134, 0.4180.



This preview shows how white text looks on a background with the Yxy color 15.1261, 0.3134, 0.4180.

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

15.1261, 0.3134, 0.4180

Protanopia

15.0150, 0.3695, 0.3972

Deuteranopia

15.0219, 0.3776, 0.3725



Tritanopia

15.1425, 0.2753, 0.3096

Trichromacy



Original Color

15.1261, 0.3134, 0.4180

Protanomaly

14.8939, 0.3487, 0.4053

Deuteranomaly

14.9109, 0.3521, 0.3886

Tritanomaly

15.1015, 0.2882, 0.3468

Monochromacy



Original Color

15.1261, 0.3134, 0.4180

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 15.1261, 0.3134, 0.4180 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(83, 117, 79)` looks like.

```
.text, #text, p{  
    color:rgb(83, 117, 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(83, 117, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 117, 79) }
```

Border

The CSS property to change the border of an element to Yxy 15.1261, 0.3134, 0.4180 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(83, 117, 79) }
```

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

```
.border{ border-color:rgb(83, 117, 79) }
```

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

Here you see how a box with a 4 pixel rgb(83, 117, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 117, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 117, 79);  
box-shadow:4px 4px 4px 4px rgb(83, 117,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 15.1261, 0.3134, 0.4180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 117, 79) }
```

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

```
.background{ background-color: rgb(83, 117,  
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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