

Converting Colors

$Y_{xy}(19.0612, 0.3568, 0.4314)$

Have a look what the booklet for
Yxy(19.0612, 0.3568, 0.4314)
contains.

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Color

Yxy(19.0610, 0.3571, 0.4317)

Conversions

Conversions Part 1

Format	Color
Hex	737E4A
RGB	115, 126, 74
RGB Percent	45%, 49%, 29%
CMY	0.5490, 0.5059, 0.7098
CMYK	0.09, 0.00, 0.41, 0.51
HSL	73°, 26%, 39%
HSV	73°, 41%, 49%
XYZ	15.7672, 19.0610, 9.3252
YIQ	116.7830, 10.1360, -18.5040

Conversions

Conversions Part 2

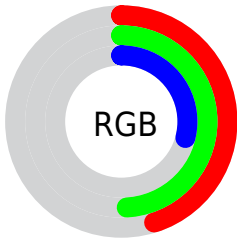
Format	Color
R_{YB}	74, 126, 85
Decimal	7568970
CIE _{Lab}	50.76, -13.02, 26.94
CIE _{LCh}	51, 29.924, 115.793
Yxy	19.0610, 0.3571, 0.4317
Android (android.graphics.Color)	4285759050 (0xFF737E4A)
YUV	116.7830, -21.0920, -1.5637
Hunter-Lab	43.6589, -11.9388, 17.8974

Details

The Yxy color **19.0610, 0.3571, 0.4317** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.3341, 0.2546, 0.2131**, and the grayscale version is **17.7829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0203, 0.3479, 0.4071**, and **6.5498, 0.3716, 0.4762** is the 20% darker color. If you saturate the color by 10%, you get **18.7306, 0.3662, 0.4561**, and if you desaturate by 10%, it is **19.4323, 0.3469, 0.4063**.

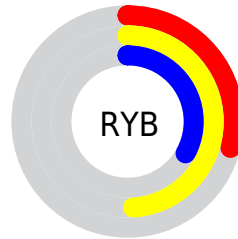
Distribution



Red (45%)

Green (49%)

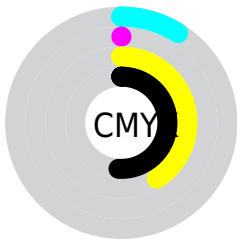
Blue (29%)



Red (29%)

Yellow (49%)

Blue (33%)

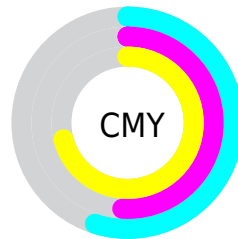


Cyan (9%)

Magenta (0%)

Yellow (41%)

Black (51%)



Cyan (55%)


Magenta (51%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0610, 0.3571, 0.4317 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 19.0610, 0.3571, 0.4317 by changing the saturation by 10% instead.


 19.0610, 0.3571,
0.4317


 19.0610, 0.3571,
0.4317


246.7853, 0.3332,
0.3716


 11.7144, 0.3632,
0.4502


 41.8371, 0.3482,
0.4074

 6.5495, 0.3706,
0.4764


 58.0355, 0.3448,
0.3990


 3.1820, 0.3809,
0.5183

 77.9531, 0.3421,
0.3923

 1.2275, 0.3988,
0.6012

 101.9745, 0.3397,
0.3867

 0.0840, 0.0000,
1.0000

 130.4840, 0.3377,
0.3820

 0.0000, 0.0000,
0.0000

163.8661, 0.3360,

0.3780

202.5050, 0.3345,
0.3746

■ 19.0610, 0.3571,
0.4317

■ 19.0610, 0.3571,
0.4317

■ 18.7306, 0.3662,
0.4561

■ 19.4323, 0.3469,
0.4063

■ 18.4365, 0.3739,
0.4786

■ 19.8440, 0.3361,
0.3807

■ 18.1773, 0.3795,
0.4982


■ 20.2986, 0.3250,
0.3558

■ 17.9504, 0.3829,
0.5140

■ 20.7978, 0.3141,
0.3319


■ 17.7526, 0.3838,
0.5256


■ 21.3432, 0.3035,
0.3095

 17.5951, 0.3835,
0.5337

 21.9362, 0.2934,
0.2887

 22.5784, 0.2840,
0.2696

 23.2710, 0.2751,
0.2522

 24.0153, 0.2670,
0.2364

Harmonies

Analogous

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



19.0610, 0.4027, 0.4141



19.0610, 0.3571, 0.4317



19.0610, 0.3019, 0.4161

Triad

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



19.0610, 0.3571, 0.4317



19.0610, 0.2118, 0.2669



19.0610, 0.3725, 0.2915

Complementary

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



19.0610, 0.3571, 0.4317



8.3341, 0.2546, 0.2131

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.



19.0610, 0.3156, 0.2593



19.0610, 0.3571, 0.4317



19.0610, 0.2264, 0.2437

Square

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



19.0610, 0.3571, 0.4317



19.0610, 0.2205, 0.3116



19.0610, 0.2627, 0.2420



19.0610, 0.4140, 0.3330

Rectangle

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



19.0610, 0.3571, 0.4317



19.0610, 0.2674, 0.3869



19.0610, 0.2627, 0.2420



19.0610, 0.3543, 0.2794

Sweetspot

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



19.0619, 0.3571, 0.4317



35.6442, 0.3261, 0.3583



11.3323, 0.4031, 0.3503



8.0890, 0.3272, 0.3607



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



19.0619, 0.3571, 0.4317



32.9742, 0.3662, 0.4559



17.5703, 0.3248, 0.4433



4.9750, 0.3226, 0.3505



18.0480, 0.3835, 0.5337



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.3341, 0.2546, 0.2131



11.2707, 0.2372, 0.1813



9.7438, 0.2926, 0.2246



4.2522, 0.3023, 0.3070



1.7779, 0.1631, 0.0672



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 19.0610, 0.3571, 0.4317 looks on a white 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

Black Background



This preview shows how the Yxy color 19.0610, 0.3571, 0.4317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

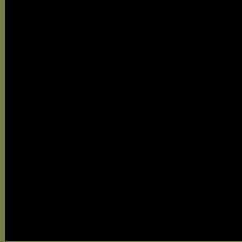
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0610, 0.3571, 0.4317

Background



This preview shows how black text looks on a background with the Yxy color 19.0610, 0.3571, 0.4317.



This preview shows how white text looks on a background with the Yxy color 19.0610, 0.3571, 0.4317.

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

19.0610, 0.3571, 0.4317

Protanopia

19.0482, 0.3855, 0.4191

Deuteranopia

18.8943, 0.4048, 0.3965



Tritanopia

19.1555, 0.3049, 0.3123

Trichromacy



Original Color

19.0610, 0.3571, 0.4317

Protanomaly

19.0826, 0.3748, 0.4234

Deuteranomaly

18.8525, 0.3877, 0.4093

Tritanomaly

18.9451, 0.3240, 0.3542

Monochromacy



Original Color

19.0610, 0.3571, 0.4317

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

18.0855, 0.3300, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0610, 0.3571, 0.4317 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(115, 126, 74)` looks like.

```
.text, #text, p{  
    color:rgb(115, 126, 74)  
}
```

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(115, 126, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 126, 74) }
```

Border

The CSS property to change the border of an element to Yxy 19.0610, 0.3571, 0.4317 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(115, 126, 74) }
```

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

```
.border{ border-color:rgb(115, 126, 74) }
```

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

Here you see how a box with a 4 pixel rgb(115, 126, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 126, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 126, 74);  
box-shadow:4px 4px 4px 4px rgb(115, 126,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0610, 0.3571, 0.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 126, 74) }
```

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

```
.background{ background-color: rgb(115,  
126, 74) }
```

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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