

Converting Colors

$Y_{xy}(16.4051, 0.3524, 0.4195)$

Have a look what the booklet for
Yxy(16.4051, 0.3524, 0.4195)
contains.

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Color

Yxy(16.4051, 0.3524, 0.4195)

Conversions

Conversions Part 1

Format	Color
Hex	6C754A
RGB	108, 117, 74
RGB Percent	42%, 46%, 29%
CMY	0.5765, 0.5412, 0.7098
CMYK	0.08, 0.00, 0.37, 0.54
HSL	73°, 23%, 37%
HSV	73°, 37%, 46%
XYZ	13.7811, 16.4051, 8.9202
YIQ	109.4070, 8.4390, -15.2810

Conversions

Conversions Part 2

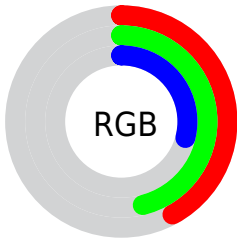
Format	Color
RYB	74, 117, 83
Decimal	7107914
CIELab	47.50, -11.04, 22.62
CIElCh	48, 25.172, 116.011
Yxy	16.4051, 0.3524, 0.4195
Android (android.graphics.Color)	4285297994 (0xFF6C754A)
YUV	109.4070, -17.4557, -1.2339
Hunter-Lab	40.5032, -10.1467, 15.2946

Details

The Yxy color **16.4051, 0.3524, 0.4195** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.0233, 0.2626, 0.2283**, and the grayscale version is **15.4636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.2796, 0.3440, 0.3975**, and **5.3056, 0.3669, 0.4620** is the 20% darker color. If you saturate the color by 10%, you get **16.1109, 0.3621, 0.4443**, and if you desaturate by 10%, it is **16.7345, 0.3419, 0.3941**.

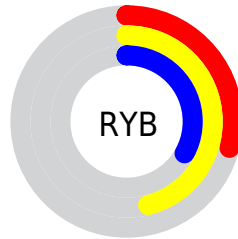
Distribution



Red (42%)

Green (46%)

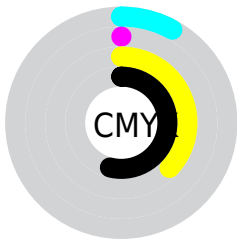
Blue (29%)



Red (29%)

Yellow (46%)

Blue (33%)

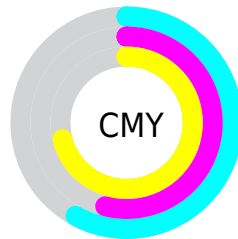


Cyan (8%)

Magenta (0%)

Yellow (37%)

Black (54%)



Cyan (58%)


Magenta (54%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.4051, 0.3524, 0.4195 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 16.4051, 0.3524, 0.4195 by changing the saturation by 10% instead.


 16.4051, 0.3524,
0.4195


 16.4051, 0.3524,
0.4195


231.7204, 0.3302,
0.3654


 9.8113, 0.3585,
0.4370


 37.3001, 0.3438,
0.3972

 5.2740, 0.3663,
0.4623

 52.3700, 0.3408,
0.3897


 2.4089, 0.3805,
0.5081

 71.0340, 0.3382,
0.3836

 0.8305, 0.3850,
0.6150

 93.6766, 0.3361,
0.3787

 0.0000, 0.0000,
0.0000

 120.6822, 0.3343,
0.3745

152.4351, 0.3328,

0.3710

189.3197, 0.3314,
0.3680

■ 16.4051, 0.3524,
0.4195

■ 16.4051, 0.3524,
0.4195

■ 16.1109, 0.3621,
0.4443

■ 16.7345, 0.3419,
0.3941

■ 15.8479, 0.3705,
0.4677

■ 17.0983, 0.3310,
0.3690

■ 15.6151, 0.3771,
0.4886

■ 17.4988, 0.3200,
0.3447

■ 15.4105, 0.3817,
0.5062

■ 17.9373, 0.3093,
0.3217

■ 15.2317, 0.3839,
0.5199

■ 18.4151, 0.2989,
0.3001

■ 15.0735, 0.3841,
0.5300

■ 18.9333, 0.2892,
0.2802

■ 15.0236, 0.3841,
0.5332

■ 19.4932, 0.2800,
0.2620

■ 20.0958, 0.2715,
0.2454

■ 20.7422, 0.2637,
0.2303

Harmonies

Analogous

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



16.4051, 0.3927, 0.4053



16.4051, 0.3524, 0.4195



16.4051, 0.3033, 0.4049

Triad

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



16.4051, 0.3524, 0.4195



16.4051, 0.2223, 0.2740



16.4051, 0.3661, 0.2960

Complementary

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



16.4051, 0.3524, 0.4195



8.0233, 0.2626, 0.2283

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.



16.4051, 0.3160, 0.2667



16.4051, 0.3524, 0.4195



16.4051, 0.2357, 0.2528

Square

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



16.4051, 0.3524, 0.4195



16.4051, 0.2303, 0.3138



16.4051, 0.2687, 0.2511



16.4051, 0.4024, 0.3336

Rectangle

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



16.4051, 0.3524, 0.4195



16.4051, 0.2725, 0.3795



16.4051, 0.2687, 0.2511



16.4051, 0.3500, 0.2850

Sweetspot

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



16.4058, 0.3524, 0.4195



30.9989, 0.3250, 0.3556



10.4035, 0.3890, 0.3478



7.1104, 0.3261, 0.3581



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.



16.4058, 0.3524, 0.4195



28.9285, 0.3606, 0.4404



15.2400, 0.3238, 0.4284



4.2294, 0.3225, 0.3502



16.5446, 0.3840, 0.5333



80.2486, 0.3820, 0.5349

Inverse Universe

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



8.0233, 0.2626, 0.2283



11.6020, 0.2484, 0.2017



9.1327, 0.2956, 0.2372



3.6235, 0.3024, 0.3073



1.6302, 0.1632, 0.0673



7.6363, 0.1594, 0.0652

Previews

White Background



This preview shows how the Yxy color 16.4051, 0.3524, 0.4195 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 16.4051, 0.3524, 0.4195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

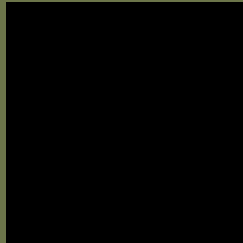
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.4051, 0.3524, 0.4195

Background



This preview shows how black text looks on a background with the Yxy color 16.4051, 0.3524, 0.4195.



This preview shows how white text looks on a background with the Yxy color 16.4051, 0.3524, 0.4195.

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

16.4051, 0.3524, 0.4195

Protanopia

16.4157, 0.3773, 0.4102

Deuteranopia

16.3978, 0.3949, 0.3887



Tritanopia

16.3024, 0.3057, 0.3112

Trichromacy



Original Color

16.4051, 0.3524, 0.4195

Protanomaly

16.2976, 0.3682, 0.4122

Deuteranomaly

16.2369, 0.3794, 0.3997

Tritanomaly

16.2343, 0.3237, 0.3496

Monochromacy



Original Color

16.4051, 0.3524, 0.4195

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

15.6841, 0.3287, 0.3627

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.4051, 0.3524, 0.4195 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(108, 117, 74)` looks like.

```
.text, #text, p{  
    color:rgb(108, 117, 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(108, 117, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 117, 74) }
```

Border

The CSS property to change the border of an element to Yxy 16.4051, 0.3524, 0.4195 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(108, 117, 74) }
```

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

```
.border{ border-color:rgb(108, 117, 74) }
```

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

Here you see how a box with a 4 pixel rgb(108, 117, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 117, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 117, 74);  
box-shadow:4px 4px 4px 4px rgb(108, 117,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 16.4051, 0.3524, 0.4195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 117, 74) }
```

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

```
.background{ background-color: rgb(108,  
117, 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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