

Converting Colors

$Y_{xy}(17.1371, 0.3613, 0.4093)$

Have a look what the booklet for
Yxy(17.1371, 0.3613, 0.4093)
contains.

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Color

Yxy(17.0403, 0.3615, 0.4097)

Conversions

Conversions Part 1	
Format	Color
Hex	75754D
RGB	117, 117, 77
RGB Percent	46%, 46%, 30%
CMY	0.5412, 0.5411, 0.6981
CMYK	0.00, 0.00, 0.34, 0.54
HSL	60°, 21%, 38%
HSV	60°, 34%, 46%
XYZ	15.0356, 17.0403, 9.5163
YIQ	112.4400, 12.8400, -12.4400

Conversions

Conversions Part 2

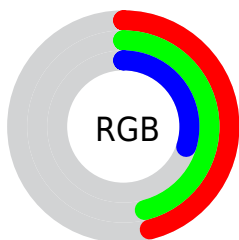
Format	Color
RYB	77, 117, 77
Decimal	7697741
CIELab	48.31, -6.79, 22.12
CIELCh	48, 23.142, 107.054
Yxy	17.0403, 0.3615, 0.4097
Android (android.graphics.Color)	4285887821 (0xFF75754D)
YUV	112.4400, -17.4719, 3.9991
Hunter-Lab	41.2799, -7.2240, 15.2278

Details

The Yxy color $17.0403, 0.3615, 0.4097$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $8.1695, 0.2548, 0.2332$, and the grayscale version is $16.3887, 0.3127, 0.3290$.

A 20% lighter version of the original color is $38.4283, 0.3513, 0.3909$, and $5.5895, 0.3801, 0.4452$ is the 20% darker color. If you saturate the color by 10%, you get $16.8900, 0.3751, 0.4322$, and if you desaturate by 10%, it is $17.2219, 0.3472, 0.3861$.

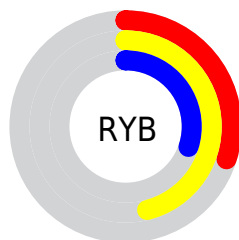
Distribution



Red (46%)

Green (46%)

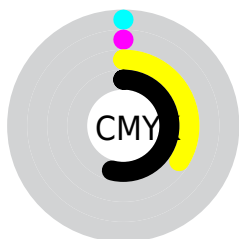
Blue (30%)



Red (30%)

Yellow (46%)

Blue (30%)

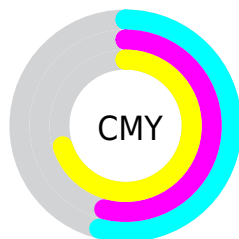


Cyan (0%)

Magenta (0%)

Yellow (34%)

Black (54%)



Cyan (54%)


Magenta (54%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0403, 0.3615, 0.4097 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 17.0403, 0.3615, 0.4097 by changing the saturation by 10% instead.


 17.0403, 0.3615,
0.4097


 17.0403, 0.3615,
0.4097

235.4045, 0.3338,
0.3622


 10.2632, 0.3695,
0.4246


 38.3951, 0.3506,
0.3904


 5.5738, 0.3801,
0.4458


 53.7415, 0.3468,
0.3838


 2.5877, 0.3967,
0.4806

 72.7132, 0.3436,
0.3784

 0.9205, 0.4350,
0.5650

 95.6946, 0.3410,
0.3740


 0.0000, 0.0000,
0.0000


 123.0700, 0.3388,
0.3704


155.2239, 0.3369,


0.3672


192.5406, 0.3353,
0.3645


 17.0403, 0.3615,
0.4097


 17.0403, 0.3615,
0.4097


 16.8900, 0.3751,
0.4322

 17.2219, 0.3472,
0.3861


 16.7671, 0.3875,
0.4527


 17.4339, 0.3328,
0.3622


 16.6706, 0.3982,
0.4705


 17.6785, 0.3186,
0.3387


 16.5985, 0.4069,
0.4848


 17.9569, 0.3048,
0.3159

 16.5487, 0.4132,
0.4952

 18.2705, 0.2918,
0.2944

 16.5179, 0.4172,
0.5020

 18.6204, 0.2796,
0.2743

 16.5029, 0.4192,
0.5053

 19.0077, 0.2684,
0.2557

 19.4334, 0.2581,
0.2387

 19.8986, 0.2487,
0.2232

Harmonies

Analogous

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



17.0403, 0.3932, 0.3914



17.0403, 0.3615, 0.4097



17.0403, 0.3180, 0.4042

Triad

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



17.0403, 0.3615, 0.4097



17.0403, 0.2301, 0.2886



17.0403, 0.3483, 0.2898

Complementary

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



17.0403, 0.3615, 0.4097



8.1695, 0.2548, 0.2332

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.



17.0403, 0.3022, 0.2661



17.0403, 0.3615, 0.4097



17.0403, 0.2366, 0.2635

Square

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



17.0403, 0.3615, 0.4097



17.0403, 0.2435, 0.3287



17.0403, 0.2620, 0.2563



17.0403, 0.3863, 0.3228

Rectangle

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



17.0403, 0.3615, 0.4097



17.0403, 0.2885, 0.3858



17.0403, 0.2620, 0.2563



17.0403, 0.3331, 0.2806

Sweetspot

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



17.0411, 0.3615, 0.4097



31.3804, 0.3271, 0.3529



9.6249, 0.3875, 0.3292



7.2040, 0.3287, 0.3555



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.



17.0411, 0.3615, 0.4097



30.2947, 0.3723, 0.4275



15.8014, 0.3338, 0.4176



4.2662, 0.3254, 0.3500



18.1801, 0.4192, 0.5053



88.5930, 0.4192, 0.5053

Inverse Universe

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



8.1695, 0.2548, 0.2332



11.8466, 0.2390, 0.2070



9.1327, 0.2844, 0.2406



3.5899, 0.2995, 0.3071



1.4154, 0.1500, 0.0600



6.8966, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 17.0403, 0.3615, 0.4097 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 17.0403, 0.3615, 0.4097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

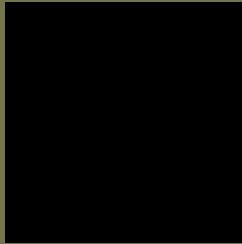
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0403, 0.3615, 0.4097

Background



This preview shows how black text looks on a background with the Yxy color 17.0403, 0.3615, 0.4097.



This preview shows how white text looks on a background with the Yxy color 17.0403, 0.3615, 0.4097.

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

17.0403, 0.3615, 0.4097

Protanopia

17.0684, 0.3739, 0.4053

Deuteranopia

17.0347, 0.3923, 0.3862



Tritanopia

17.0820, 0.3161, 0.3137

Trichromacy



Original Color
17.0403, 0.3615, 0.4097

Protanomaly
17.0775, 0.3690, 0.4082

Deuteranomaly
17.1061, 0.3813, 0.3957

Tritanomaly
17.0272, 0.3331, 0.3488

Monochromacy



Original Color
17.0403, 0.3615, 0.4097

Achromatopsia
16.2029, 0.3127, 0.3290

Achromatomaly
16.5129, 0.3313, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0403, 0.3615, 0.4097 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(117, 117, 77)` looks like.

```
.text, #text, p{  
    color:rgb(117, 117, 77)  
}
```

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(117, 117, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 117, 77) }
```

Border

The CSS property to change the border of an element to Yxy 17.0403, 0.3615, 0.4097 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(117, 117, 77) }
```

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

```
.border{ border-color:rgb(117, 117, 77) }
```

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

Here you see how a box with a 4 pixel rgb(117, 117, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 117, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 117, 77);  
box-shadow:4px 4px 4px 4px rgb(117, 117,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0403, 0.3615, 0.4097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 117, 77) }
```

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

```
.background{ background-color: rgb(117,  
117, 77) }
```

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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