

Converting Colors

$Y_{xy}(17.6424, 0.3712, 0.4191)$

Have a look what the booklet for
Yxy(17.6424, 0.3712, 0.4191)
contains.

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Color

Yxy(17.7396, 0.3706, 0.4191)

Conversions

Conversions Part 1

Format	Color
Hex	797749
RGB	121, 119, 73
RGB Percent	47%, 47%, 29%
CMY	0.5254, 0.5333, 0.7137
CMYK	0.00, 0.02, 0.40, 0.53
HSL	57°, 25%, 38%
HSV	57°, 40%, 47%
XYZ	15.6867, 17.7396, 8.9015
YIQ	114.3540, 15.9580, -13.8820

Conversions

Conversions Part 2

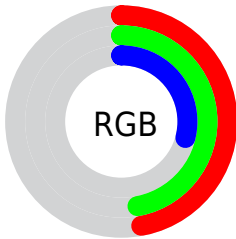
Format	Color
R_{YB}	75, 121, 73
Decimal	7960393
CIE Lab	49.18, -6.68, 25.57
CIE LCh	49, 26.433, 104.637
Yxy	17.7396, 0.3706, 0.4191
Android (android.graphics.Color)	4286150473 (0xFF797749)
YUV	114.3540, -20.3875, 5.8285
Hunter-Lab	42.1184, -7.2262, 16.9522

Details

The Yxy color **17.7396, 0.3706, 0.4191** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.8337, 0.2442, 0.2194**, and the grayscale version is **16.9993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.5296, 0.3581, 0.3984**, and **5.9299, 0.3903, 0.4573** is the 20% darker color. If you saturate the color by 10%, you get **17.4742, 0.3844, 0.4401**, and if you desaturate by 10%, it is **18.0385, 0.3560, 0.3967**.

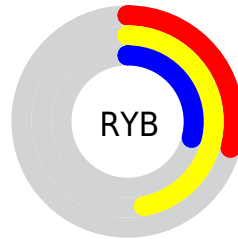
Distribution



Red (47%)

Green (47%)

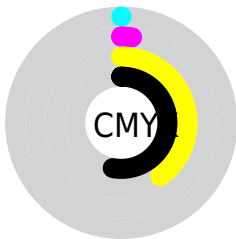
Blue (29%)



Red (29%)

Yellow (47%)

Blue (29%)

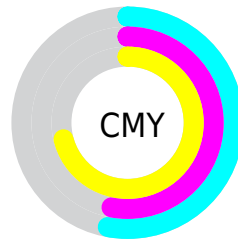


Cyan (0%)

Magenta (2%)

Yellow (40%)

Black (53%)



Cyan (53%)

Magenta (53%)

Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.7396, 0.3706, 0.4191 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 17.7396, 0.3706, 0.4191 by changing the saturation by 10% instead.


 17.7396, 0.3706,
0.4191


 17.7396, 0.3706,
0.4191


239.3992, 0.3381,
0.3666


 10.7632, 0.3797,
0.4351


 39.5931, 0.3580,
0.3980


 5.9078, 0.3916,
0.4575

 55.2390, 0.3535,
0.3907

 2.7891, 0.4114,
0.4955

 74.5435, 0.3498,
0.3847

 1.0227, 0.4398,
0.5602

 97.8910, 0.3467,
0.3798

 0.0000, 0.0000,
0.0000

 125.6660, 0.3440,
0.3757

158.2527, 0.3418,

0.3722

196.0357, 0.3398,
0.3692

■ 17.7396, 0.3706,
0.4191

■ 17.7396, 0.3706,
0.4191

■ 17.4742, 0.3844,
0.4401

■ 18.0385, 0.3560,
0.3967

■ 17.2380, 0.3969,
0.4587

■ 18.3702, 0.3412,
0.3736

■ 17.0299, 0.4076,
0.4743


■ 18.7371, 0.3265,
0.3506


■ 16.8477, 0.4160,
0.4862


■ 19.1405, 0.3123,
0.3283


■ 16.6886, 0.4220,
0.4941

■ 19.5818, 0.2988,
0.3069


 16.5439, 0.4264,
0.4993

 20.0624, 0.2862,
0.2869

 16.5392, 0.4266,
0.4995

 20.5835, 0.2745,
0.2683

 21.1463, 0.2638,
0.2511

 21.7519, 0.2541,
0.2354

Harmonies

Analogous

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



17.7396, 0.4050, 0.3958



17.7396, 0.3706, 0.4191



17.7396, 0.3222, 0.4162

Triad

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



17.7396, 0.3706, 0.4191



17.7396, 0.2209, 0.2861



17.7396, 0.3485, 0.2826

Complementary

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



17.7396, 0.3706, 0.4191



7.8337, 0.2442, 0.2194

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.



17.7396, 0.2965, 0.2575



17.7396, 0.3706, 0.4191



17.7396, 0.2264, 0.2570

Square

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



17.7396, 0.3706, 0.4191



17.7396, 0.2373, 0.3324



17.7396, 0.2528, 0.2479



17.7396, 0.3931, 0.3184

Rectangle

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



17.7396, 0.3706, 0.4191



17.7396, 0.2889, 0.3968



17.7396, 0.2528, 0.2479



17.7396, 0.3311, 0.2728

Sweetspot

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



17.7404, 0.3706, 0.4191



33.3630, 0.3303, 0.3566



9.3459, 0.4009, 0.3242



7.6137, 0.3317, 0.3589



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



17.7404, 0.3706, 0.4191



31.3024, 0.3838, 0.4391



16.8365, 0.3400, 0.4325



4.6064, 0.3256, 0.3493



17.7141, 0.4266, 0.4995



84.1752, 0.4270, 0.4992

Inverse Universe

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



7.8337, 0.2442, 0.2194



10.8369, 0.2250, 0.1881



8.5591, 0.2748, 0.2237



3.9181, 0.2994, 0.3079



1.5936, 0.1512, 0.0641



7.2878, 0.1505, 0.0618

Previews

White Background



This preview shows how the Yxy color 17.7396, 0.3706, 0.4191 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 17.7396, 0.3706, 0.4191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

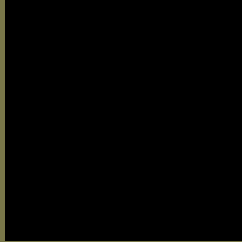
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.7396, 0.3706, 0.4191

Background



This preview shows how black text looks on a background with the Yxy color 17.7396, 0.3706, 0.4191.



This preview shows how white text looks on a background with the Yxy color 17.7396, 0.3706, 0.4191.

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

17.7396, 0.3706, 0.4191

Protanopia

17.7797, 0.3830, 0.4144

Deuteranopia

17.7591, 0.4016, 0.3952



Tritanopia

17.7274, 0.3200, 0.3122

Trichromacy



Original Color

17.7396, 0.3706, 0.4191

Protanomaly

17.7847, 0.3780, 0.4174

Deuteranomaly

17.8242, 0.3906, 0.4048

Tritanomaly

17.6209, 0.3397, 0.3503

Monochromacy



Original Color

17.7396, 0.3706, 0.4191

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

17.1735, 0.3348, 0.3631

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.7396, 0.3706, 0.4191 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(121, 119, 73)` looks like.

```
.text, #text, p{  
    color:rgb(121, 119, 73)  
}
```

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(121, 119, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 119, 73) }
```

Border

The CSS property to change the border of an element to Yxy 17.7396, 0.3706, 0.4191 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(121, 119, 73) }
```

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

```
.border{ border-color:rgb(121, 119, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 119, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 119, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 119, 73);  
box-shadow:4px 4px 4px 4px rgb(121, 119,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 17.7396, 0.3706, 0.4191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 119, 73) }
```

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

```
.background{ background-color: rgb(121,  
119, 73) }
```

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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