

Converting Colors

$Y_{xy}(17.0387, 0.3892, 0.4347)$

Have a look what the booklet for
Yxy(17.0387, 0.3892, 0.4347)
contains.

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Color

Yxy(17.0387, 0.3892, 0.4347)

Conversions

Conversions Part 1

Format	Color
Hex	7B743D
RGB	123, 116, 61
RGB Percent	48%, 45%, 24%
CMY	0.5177, 0.5451, 0.7607
CMYK	0.00, 0.06, 0.50, 0.52
HSL	53°, 34%, 36%
HSV	53°, 50%, 48%
XYZ	15.2553, 17.0387, 6.9025
YIQ	111.8230, 21.8270, -15.6210

Conversions

Conversions Part 2

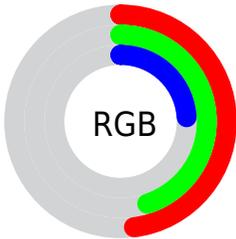
Format	Color
R_{YB}	69, 123, 61
Decimal	8090685
CIE Lab	48.31, -5.47, 31.13
CIE LCh	48, 31.607, 99.961
Yxy	17.0387, 0.3892, 0.4347
Android (android.graphics.Color)	4286280765 (0xFF7B743D)
YUV	111.8230, -25.0557, 9.8022
Hunter-Lab	41.2780, -6.2675, 18.9801

Details

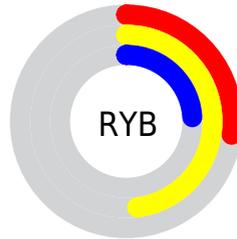
The Yxy color **17.0387, 0.3892, 0.4347** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.5572, 0.2244, 0.1944**, and the grayscale version is **16.2192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4782, 0.3727, 0.4104**, and **5.5465, 0.4146, 0.4765** is the 20% darker color. If you saturate the color by 10%, you get **16.6046, 0.4033, 0.4524**, and if you desaturate by 10%, it is **17.5095, 0.3741, 0.4149**.

Distribution



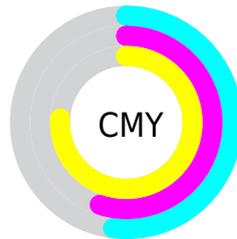
- Red (48%)
- Green (45%)
- Blue (24%)



- Red (27%)
- Yellow (48%)
- Blue (24%)



- Cyan (0%)
- Magenta (6%)
- Yellow (50%)
- Black (52%)



- Cyan (52%)
- Magenta (55%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.0387, 0.3892, 0.4347 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 17.0387, 0.3892, 0.4347 by changing the saturation by 10% instead.

 17.0387, 0.3892,
0.4347

 17.0387, 0.3892,
0.4347

 235.3953, 0.3464,
0.3736

 10.2621, 0.4008,
0.4526

 38.3923, 0.3727,
0.4104

 5.5731, 0.4153,
0.4767

 53.7381, 0.3668,
0.4019

 2.5873, 0.4562,
0.5374

 72.7090, 0.3619,
0.3950

 0.9203, 0.4460,
0.5540

 95.6896, 0.3578,
0.3892

 0.0000, 0.0000,
0.0000

 123.0641, 0.3543,
0.3844

 155.2169, 0.3513,

0.3802

192.5325, 0.3487,
0.3767

■ 17.0387, 0.3892,
0.4347

■ 17.0387, 0.3892,
0.4347

■ 16.6046, 0.4033,
0.4524

■ 17.5095, 0.3741,
0.4149

■ 16.2028, 0.4157,
0.4670

■ 18.0166, 0.3585,
0.3938

■ 15.8317, 0.4260,
0.4779

■ 18.5626, 0.3429,
0.3721

■ 15.4884, 0.4338,
0.4848

■ 19.1492, 0.3277,
0.3506

■ 15.1754, 0.4398,
0.4890

■ 19.7777, 0.3133,
0.3298

■ 20.4498, 0.2997,
0.3099

■ 21.1668, 0.2871,
0.2913

■ 21.9300, 0.2756,
0.2740

■ 22.7407, 0.2651,
0.2580

Harmonies

Analogous

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



17.0387, 0.4276, 0.4010



17.0387, 0.3892, 0.4347



17.0387, 0.3324, 0.4393

Triad

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



17.0387, 0.3892, 0.4347



17.0387, 0.2049, 0.2837



17.0387, 0.3458, 0.2681

Complementary

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



17.0387, 0.3892, 0.4347



6.5572, 0.2244, 0.1944

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.



17.0387, 0.2835, 0.2413



17.0387, 0.3892, 0.4347



17.0387, 0.2076, 0.2462

Square

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



17.0387, 0.3892, 0.4347



17.0387, 0.2275, 0.3421



17.0387, 0.2346, 0.2328



17.0387, 0.4033, 0.3083

Rectangle

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



17.0387, 0.3892, 0.4347



17.0387, 0.2921, 0.4198



17.0387, 0.2346, 0.2328



17.0387, 0.3245, 0.2574

Sweetspot

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



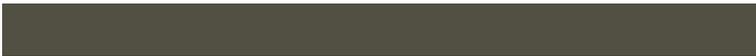
17.0395, 0.3892, 0.4347



33.7656, 0.3352, 0.3613



7.9703, 0.4298, 0.3146



7.9094, 0.3378, 0.3650



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.



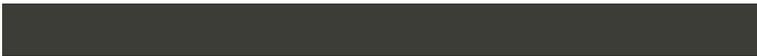
17.0395, 0.3892, 0.4347



29.6597, 0.4047, 0.4541



17.1659, 0.3511, 0.4602



4.5605, 0.3258, 0.3478



15.6973, 0.4398, 0.4890



74.0950, 0.4410, 0.4880

Inverse Universe

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



6.5572, 0.2244, 0.1944



8.7080, 0.2032, 0.1600



6.6904, 0.2547, 0.1900



3.9596, 0.2994, 0.3094



1.7956, 0.1532, 0.0713



7.9085, 0.1518, 0.0664

Previews

White Background



This preview shows how the Yxy color 17.0387, 0.3892, 0.4347 looks on a white background.

Color Contrast Check

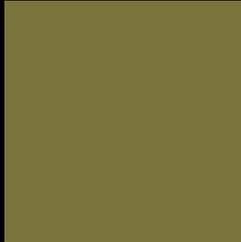
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0387, 0.3892, 0.4347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

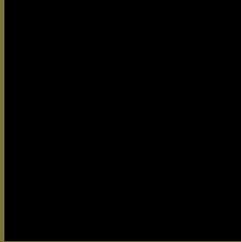
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

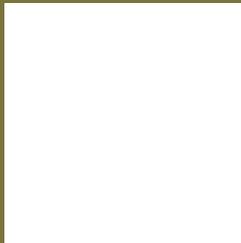
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.0387, 0.3892, 0.4347

Background



This preview shows how black text looks on a background with the Yxy color 17.0387, 0.3892, 0.4347.



This preview shows how white text looks on a background with the Yxy color 17.0387, 0.3892, 0.4347.

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

17.0387, 0.3892, 0.4347

Protanopia

17.0340, 0.3944, 0.4313

Deuteranopia

16.8716, 0.4180, 0.4104



Tritanopia

17.1270, 0.3283, 0.3141

Trichromacy



Original Color

17.0387, 0.3892, 0.4347

Protanomaly

16.9584, 0.3930, 0.4319

Deuteranomaly

17.0045, 0.4076, 0.4202

Tritanomaly

16.9634, 0.3526, 0.3581

Monochromacy



Original Color

17.0387, 0.3892, 0.4347

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

16.3136, 0.3420, 0.3699

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0387, 0.3892, 0.4347 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(123, 116, 61)` looks like.

```
.text, #text, p{  
    color:rgb(123, 116, 61)  
}
```

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(123, 116, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 116, 61) }
```

Border

The CSS property to change the border of an element to Yxy 17.0387, 0.3892, 0.4347 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(123, 116, 61) }
```

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

```
.border{ border-color:rgb(123, 116, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 116, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 116, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 116, 61);  
box-shadow:4px 4px 4px 4px rgb(123, 116,  
61) }
```

Background

The CSS property to change the background color of an element to Yxy 17.0387, 0.3892, 0.4347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 116, 61) }
```

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

```
.background{ background-color: rgb(123,  
116, 61) }
```

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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