

Converting Colors

$Y_{xy}(19.2242, 0.3434, 0.3800)$

Have a look what the booklet for
Yxy(19.2242, 0.3434, 0.3800)
contains.

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Color

Yxy(19.2399, 0.3430, 0.3791)

Conversions

Conversions Part 1

Format	Color
Hex	7B7B61
RGB	123, 123, 97
RGB Percent	48%, 48%, 38%
CMY	0.5177, 0.5176, 0.6196
CMYK	0.00, 0.00, 0.21, 0.52
HSL	60°, 12%, 43%
HSV	60°, 21%, 48%
XYZ	17.4078, 19.2399, 14.1038
YIQ	120.0360, 8.3460, -8.0860

Conversions

Conversions Part 2

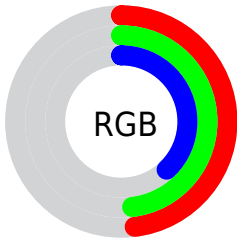
Format	Color
R_{YB}	97, 123, 97
Decimal	8092513
CIE _{Lab}	50.97, -4.70, 14.27
CIE _{LCh}	51, 15.020, 108.242
Yxy	19.2399, 0.3430, 0.3791
Android (android.graphics.Color)	4286282593 (0xFF7B7B61)
YUV	120.0360, -11.3567, 2.5994
Hunter-Lab	43.8633, -5.9206, 11.6402

Details

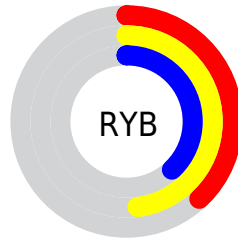
The Yxy color **19.2399, 0.3430, 0.3791** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.5205, 0.2791, 0.2735**, and the grayscale version is **18.8294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0282, 0.3363, 0.3664**, and **6.5837, 0.3563, 0.4011** is the 20% darker color. If you saturate the color by 10%, you get **19.0283, 0.3574, 0.4030**, and if you desaturate by 10%, it is **19.4888, 0.3285, 0.3551**.

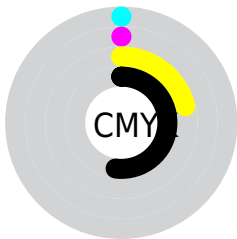
Distribution



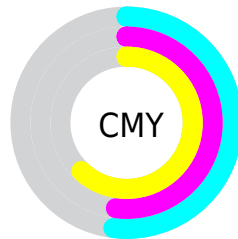
- Red (48%)
- Green (48%)
- Blue (38%)



- Red (38%)
- Yellow (48%)
- Blue (38%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (52%)




- Cyan (52%)
- Magenta (52%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2399, 0.3430, 0.3791 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 19.2399, 0.3430, 0.3791 by changing the saturation by 10% instead.


 19.2399, 0.3430,
0.3791


 19.2399, 0.3430,
0.3791


247.7700, 0.3259,
0.3501


 11.8438, 0.3481,
0.3881


 42.1391, 0.3362,
0.3674


 6.6374, 0.3551,
0.4009


 58.4109, 0.3339,
0.3634

 3.2364, 0.3654,
0.4205

 78.4101, 0.3319,
0.3601

 1.2563, 0.4002,
0.4766

 102.5210, 0.3303,
0.3574

 0.1070, 0.0000,
1.0000

131.1280, 0.3289,
0.3551

 0.0000, 0.0000,
0.0000

164.6156, 0.3278,

0.3532

203.3681, 0.3268,
0.3515

■ 19.2399, 0.3430,
0.3791

■ 19.2399, 0.3430,
0.3791

■ 19.0283, 0.3574,
0.4030

■ 19.4888, 0.3285,
0.3551

■ 18.8498, 0.3713,
0.4260

■ 19.7740, 0.3143,
0.3316

■ 18.7034, 0.3842,
0.4472

■ 20.0977, 0.3007,
0.3091

■ 18.5874, 0.3955,
0.4659

■ 20.4614, 0.2879,
0.2879

■ 18.4994, 0.4047,
0.4813

■ 20.8662, 0.2760,
0.2682

■ 18.4372, 0.4117,
0.4929

■ 21.3136, 0.2650,
0.2500

■ 18.3980, 0.4163,
0.5005

■ 21.8045, 0.2549,
0.2334

■ 18.3736, 0.4192,
0.5053

■ 22.3403, 0.2458,
0.2183

■ 22.9219, 0.2375,
0.2046

Harmonies

Analogous

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



19.2399, 0.3627, 0.3697



19.2399, 0.3430, 0.3791



19.2399, 0.3157, 0.3740

Triad

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



19.2399, 0.3430, 0.3791



19.2399, 0.2597, 0.3037



19.2399, 0.3363, 0.3048

Complementary

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



19.2399, 0.3430, 0.3791



12.5205, 0.2791, 0.2735

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.



19.2399, 0.3077, 0.2888



19.2399, 0.3430, 0.3791



19.2399, 0.2645, 0.2873

Square

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



19.2399, 0.3430, 0.3791



19.2399, 0.2682, 0.3285



19.2399, 0.2817, 0.2823



19.2399, 0.3590, 0.3268

Rectangle

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



19.2399, 0.3430, 0.3791



19.2399, 0.2970, 0.3626



19.2399, 0.2817, 0.2823



19.2399, 0.3270, 0.2986

Sweetspot

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



19.2408, 0.3430, 0.3791



35.1425, 0.3213, 0.3433



13.6228, 0.3528, 0.3291



8.2705, 0.3221, 0.3445



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.



19.2408, 0.3430, 0.3791



34.2738, 0.3495, 0.3898



18.3455, 0.3262, 0.3819



4.6338, 0.3255, 0.3502



19.0053, 0.4192, 0.5053



90.6558, 0.4192, 0.5053

Inverse Universe

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



12.5205, 0.2791, 0.2735



20.1411, 0.2710, 0.2600



13.2936, 0.2967, 0.2762



3.8937, 0.2994, 0.3069



1.4799, 0.1500, 0.0600



7.0578, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 19.2399, 0.3430, 0.3791 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 19.2399, 0.3430, 0.3791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

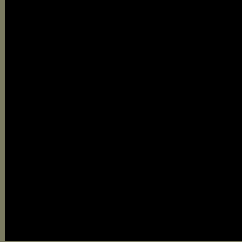
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

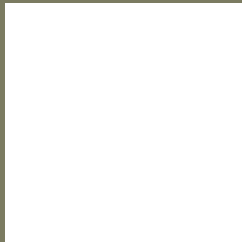
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.2399, 0.3430, 0.3791

Background



This preview shows how black text looks on a background with the Yxy color 19.2399, 0.3430, 0.3791.

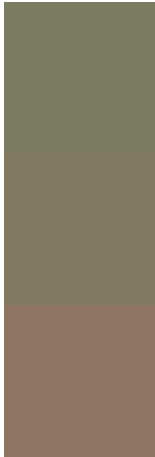


This preview shows how white text looks on a background with the Yxy color 19.2399, 0.3430, 0.3791.

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

19.2399, 0.3430, 0.3791

Protanopia

19.1864, 0.3529, 0.3761

Deuteranopia

19.2671, 0.3684, 0.3631



Tritanopia

19.2642, 0.3122, 0.3125

Trichromacy



Original Color

19.2399, 0.3430, 0.3791

Protanomaly

19.2756, 0.3498, 0.3784

Deuteranomaly

19.1438, 0.3580, 0.3678

Tritanomaly

19.1529, 0.3238, 0.3346

Monochromacy



Original Color

19.2399, 0.3430, 0.3791

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.9095, 0.3232, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2399, 0.3430, 0.3791 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, 123, 97)` looks like.

```
.text, #text, p{  
    color:rgb(123, 123, 97)  
}
```

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, 123, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 123, 97) }
```

Border

The CSS property to change the border of an element to Yxy 19.2399, 0.3430, 0.3791 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, 123, 97) }
```

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

```
.border{ border-color:rgb(123, 123, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 123, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 123, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 123, 97);  
box-shadow:4px 4px 4px 4px rgb(123, 123,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2399, 0.3430, 0.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 123, 97) }
```

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

```
.background{ background-color: rgb(123,  
123, 97) }
```

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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