

Converting Colors

$Y_{xy}(18.7388, 0.3896, 0.3487)$

Have a look what the booklet for
Yxy(18.7388, 0.3896, 0.3487)
contains.

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Color

Yxy(18.8060, 0.3888, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	996E62
RGB	153, 110, 98
RGB Percent	60%, 43%, 38%
CMY	0.3999, 0.5687, 0.6157
CMYK	0.00, 0.28, 0.36, 0.40
HSL	13°, 22%, 49%
HSV	13°, 36%, 60%
XYZ	20.9207, 18.8060, 14.0816
YIQ	121.4890, 29.4800, 5.3840

Conversions

Conversions Part 2

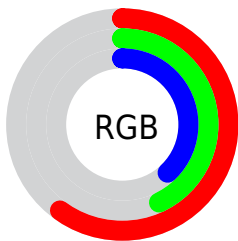
Format	Color
R_{YB}	153, 113, 98
Decimal	10055266
CIE _{Lab}	50.46, 15.43, 13.44
CIE _{LCh}	50, 20.463, 41.071
Yxy	18.8060, 0.3888, 0.3495
Android (android.graphics.Color)	4288245346 (0xFF996E62)
YUV	121.4890, -11.5801, 27.6351
Hunter-Lab	43.3659, 10.2221, 11.1037

Details

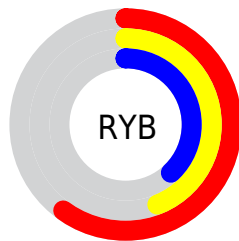
The Yxy color **18.8060, 0.3888, 0.3495** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.9553, 0.2606, 0.3072**, and the grayscale version is **19.3189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.5659, 0.3710, 0.3455**, and **6.4025, 0.4201, 0.3540** is the 20% darker color. If you saturate the color by 10%, you get **16.1349, 0.4196, 0.3552**, and if you desaturate by 10%, it is **21.8829, 0.3626, 0.3436**.

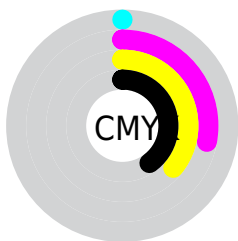
Distribution



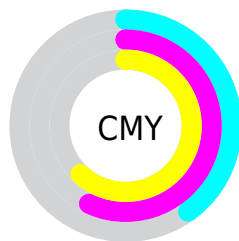
- Red (60%)
- Green (43%)
- Blue (38%)



- Red (60%)
- Yellow (44%)
- Blue (38%)



- Cyan (0%)
- Magenta (28%)
- Yellow (36%)
- Black (40%)





- Cyan (40%)
- Magenta (57%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.8060, 0.3888, 0.3495 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 18.8060, 0.3888, 0.3495 by changing the saturation by 10% instead.


 18.8060, 0.3888,
0.3495


 18.8060, 0.3888,
0.3495


245.3757, 0.3447,
0.3388


 11.5302, 0.4024,
0.3521


 41.4060, 0.3710,
0.3456


 6.4246, 0.4219,
0.3552


 57.4990, 0.3649,
0.3441

 3.1050, 0.4515,
0.3587

 77.2999, 0.3599,
0.3429

 1.1868, 0.5226,
0.3758

 101.1930, 0.3558,
0.3419

 0.0509, 0.8931,
0.1069

129.5627, 0.3524,
0.3409

 0.0000, 0.0000,
0.0000

162.7935, 0.3494,

0.3402

201.2697, 0.3469,
0.3395

■ 18.8060, 0.3888,
0.3495

■ 18.8060, 0.3888,
0.3495

■ 16.1349, 0.4196,
0.3552

■ 21.8829, 0.3626,
0.3436

■ 13.8499, 0.4549,
0.3600

■ 25.3789, 0.3405,
0.3377

■ 11.9336, 0.4936,
0.3632


■ 29.3101, 0.3222,
0.3321


■ 10.3661, 0.5334,
0.3637


■ 33.6907, 0.3069,
0.3270

■ 9.1257, 0.5706,
0.3609

■ 38.5347, 0.2941,
0.3222

 8.1869, 0.6009,
0.3546

 43.8549, 0.2834,
0.3179

 7.8825, 0.6120,
0.3523

 49.6641, 0.2744,
0.3139

 55.9743, 0.2668,
0.3103

 62.7973, 0.2603,
0.3071

Harmonies

Analogous

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



18.8060, 0.3703, 0.3179



18.8060, 0.3888, 0.3495



18.8060, 0.3852, 0.3783

Triad

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



18.8060, 0.3888, 0.3495



18.8060, 0.2874, 0.3730



18.8060, 0.2635, 0.2661

Complementary

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



18.8060, 0.3888, 0.3495



23.9553, 0.2606, 0.3072

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.



18.8060, 0.2444, 0.2759



18.8060, 0.3888, 0.3495



18.8060, 0.2574, 0.3368

Square

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



18.8060, 0.3888, 0.3495



18.8060, 0.3254, 0.3955



18.8060, 0.2422, 0.3009



18.8060, 0.2963, 0.2717

Rectangle

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



18.8060, 0.3888, 0.3495



18.8060, 0.3712, 0.3921



18.8060, 0.2422, 0.3009



18.8060, 0.2554, 0.2676

Sweetspot

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



18.8069, 0.3888, 0.3495



48.6738, 0.3314, 0.3350



17.4356, 0.3323, 0.2595



10.5599, 0.3337, 0.3357



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



18.8069, 0.3888, 0.3495



29.8366, 0.4127, 0.3540



25.6712, 0.3732, 0.3934



6.4302, 0.3278, 0.3339



6.5551, 0.6108, 0.3532



0.1440, 0.5435, 0.4066

Inverse Universe

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



23.9553, 0.2606, 0.3072



40.3998, 0.2503, 0.3016



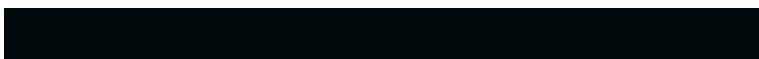
16.8392, 0.2535, 0.2547



6.7979, 0.2989, 0.3240



12.9826, 0.2053, 0.2589



0.2449, 0.2149, 0.2935

Previews

White Background



This preview shows how the Yxy color 18.8060, 0.3888, 0.3495 looks on a white background.

Color Contrast Check

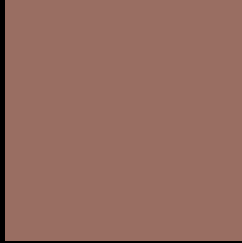
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.8060, 0.3888, 0.3495 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 18.8060, 0.3888, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 18.8060, 0.3888, 0.3495.

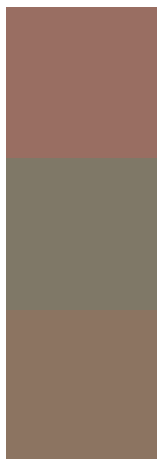


This preview shows how white text looks on a background with the Yxy color 18.8060, 0.3888, 0.3495.

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

18.8060, 0.3888, 0.3495

Protanopia

18.9242, 0.3420, 0.3613

Deuteranopia

18.9293, 0.3689, 0.3633



Tritanopia

18.7449, 0.3676, 0.3142

Trichromacy



Original Color

18.8060, 0.3888, 0.3495

Protanomaly

18.6646, 0.3582, 0.3566

Deuteranomaly

18.9174, 0.3768, 0.3591

Tritanomaly

18.6993, 0.3757, 0.3275

Monochromacy



Original Color

18.8060, 0.3888, 0.3495

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.9014, 0.3384, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.8060, 0.3888, 0.3495 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(153, 110, 98)` looks like.

```
.text, #text, p{  
    color:rgb(153, 110, 98)  
}
```

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(153, 110, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 110, 98) }
```

Border

The CSS property to change the border of an element to Yxy 18.8060, 0.3888, 0.3495 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(153, 110, 98) }
```

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

```
.border{ border-color:rgb(153, 110, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 110, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 110, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 110, 98);  
box-shadow:4px 4px 4px 4px rgb(153, 110,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 18.8060, 0.3888, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 110, 98) }
```

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

```
.background{ background-color: rgb(153,  
110, 98) }
```

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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