

Converting Colors

$Y_{xy}(19.4421, 0.3818, 0.3470)$

Have a look what the booklet for
Yxy(19.4421, 0.3818, 0.3470)
contains.

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Color

Yxy(19.5419, 0.3815, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	997166
RGB	153, 113, 102
RGB Percent	60%, 44%, 40%
CMY	0.4001, 0.5568, 0.6000
CMYK	0.00, 0.26, 0.33, 0.40
HSL	13°, 20%, 50%
HSV	13°, 33%, 60%
XYZ	21.4354, 19.5419, 15.2099
YIQ	123.7060, 27.3710, 5.0590

Conversions

Conversions Part 2

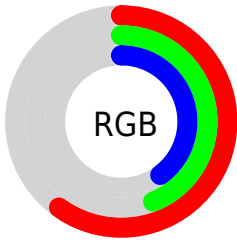
Format	Color
R_{YB}	153, 116, 102
Decimal	10056038
CIE _{Lab}	51.32, 14.19, 12.29
CIE _{LCh}	51, 18.774, 40.882
Yxy	19.5419, 0.3815, 0.3478
Android (android.graphics.Color)	4288246118 (0xFF997166)
YUV	123.7060, -10.7011, 25.6908
Hunter-Lab	44.2062, 9.1930, 10.5447

Details

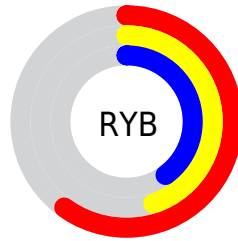
The Yxy color **19.5419, 0.3815, 0.3478** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.4512, 0.2641, 0.3092**, and the grayscale version is **20.0823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.6201, 0.3652, 0.3442**, and **6.8231, 0.4121, 0.3539** is the 20% darker color. If you saturate the color by 10%, you get **16.7658, 0.4111, 0.3536**, and if you desaturate by 10%, it is **22.7292, 0.3564, 0.3419**.

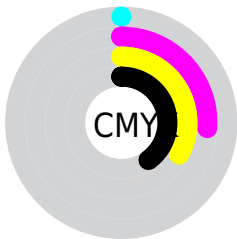
Distribution



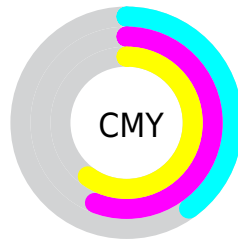
- Red (60%)
- Green (44%)
- Blue (40%)



- Red (60%)
- Yellow (45%)
- Blue (40%)



- Cyan (0%)
- Magenta (26%)
- Yellow (33%)
- Black (40%)





- Cyan (40%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.5419, 0.3815, 0.3478 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 19.5419, 0.3815, 0.3478 by changing the saturation by 10% instead.


 19.5419, 0.3815,
0.3478


 19.5419, 0.3815,
0.3478


249.4242, 0.3418,
0.3380


 12.0625, 0.3937,
0.3503


 42.6478, 0.3656,
0.3442


 6.7863, 0.4109,
0.3533


 59.0431, 0.3601,
0.3428

 3.3288, 0.4373,
0.3570

 79.1791, 0.3556,
0.3417

 1.3057, 0.4909,
0.3671

 103.4403, 0.3519,
0.3407

 0.1456, 0.7691,
0.2309

132.2110, 0.3488,
0.3399

 0.0000, 0.0000,
0.0000

165.8756, 0.3461,

0.3392

204.8186, 0.3438,
0.3385

■ 19.5419, 0.3815,
0.3478

■ 19.5419, 0.3815,
0.3478

■ 16.7658, 0.4111,
0.3536

■ 22.7292, 0.3564,
0.3419

■ 14.3813, 0.4453,
0.3586

■ 26.3408, 0.3354,
0.3361

■ 12.3714, 0.4833,
0.3623


■ 30.3926, 0.3179,
0.3307


■ 10.7164, 0.5232,
0.3636


■ 34.8989, 0.3033,
0.3257


■ 9.3952, 0.5616,
0.3617

■ 39.8732, 0.2911,
0.3211


 8.3840, 0.5940,
0.3561

 45.3286, 0.2809,
0.3169

 7.8621, 0.6123,
0.3520

 51.2775, 0.2723,
0.3131

 57.7322, 0.2650,
0.3096

 64.7041, 0.2588,
0.3065

Harmonies

Analogous

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



19.5419, 0.3647, 0.3189



19.5419, 0.3815, 0.3478



19.5419, 0.3785, 0.3739

Triad

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



19.5419, 0.3815, 0.3478



19.5419, 0.2901, 0.3688



19.5419, 0.2678, 0.2717

Complementary

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



19.5419, 0.3815, 0.3478



24.4512, 0.2641, 0.3092

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.



19.5419, 0.2504, 0.2809



19.5419, 0.3815, 0.3478



19.5419, 0.2626, 0.3364

Square

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



19.5419, 0.3815, 0.3478



19.5419, 0.3247, 0.3890



19.5419, 0.2485, 0.3039



19.5419, 0.2977, 0.2766

Rectangle

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



19.5419, 0.3815, 0.3478



19.5419, 0.3660, 0.3863



19.5419, 0.2485, 0.3039



19.5419, 0.2604, 0.2732

Sweetspot

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



19.5428, 0.3815, 0.3478



49.3797, 0.3296, 0.3344



18.2464, 0.3294, 0.2634



10.7035, 0.3319, 0.3351



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.



19.5428, 0.3815, 0.3478



31.2327, 0.4032, 0.3521



25.8121, 0.3687, 0.3873



6.4286, 0.3278, 0.3339



6.5431, 0.6112, 0.3529



0.1436, 0.5440, 0.4062

Inverse Universe

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



24.4512, 0.2641, 0.3092



41.3932, 0.2543, 0.3040



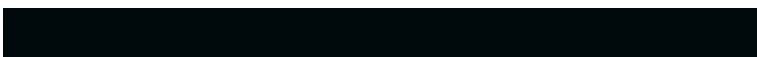
17.9119, 0.2584, 0.2627



6.7997, 0.2989, 0.3241



13.0330, 0.2054, 0.2595



0.2453, 0.2149, 0.2938

Previews

White Background



This preview shows how the Yxy color 19.5419, 0.3815, 0.3478 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 19.5419, 0.3815, 0.3478 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 19.5419, 0.3815, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 19.5419, 0.3815, 0.3478.

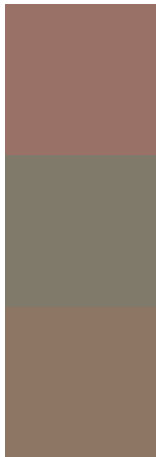


This preview shows how white text looks on a background with the Yxy color 19.5419, 0.3815, 0.3478.

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

19.5419, 0.3815, 0.3478

Protanopia

19.5698, 0.3379, 0.3571

Deuteranopia

19.6472, 0.3654, 0.3593



Tritanopia

19.6694, 0.3619, 0.3159

Trichromacy



Original Color

19.5419, 0.3815, 0.3478

Protanomaly

19.5319, 0.3532, 0.3545

Deuteranomaly

19.5414, 0.3718, 0.3553

Tritanomaly

19.6506, 0.3683, 0.3275

Monochromacy



Original Color

19.5419, 0.3815, 0.3478

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.8448, 0.3366, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5419, 0.3815, 0.3478 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, 113, 102)` looks like.

```
.text, #text, p{  
    color:rgb(153, 113, 102)  
}
```

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, 113, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 113, 102) }
```

Border

The CSS property to change the border of an element to Yxy 19.5419, 0.3815, 0.3478 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, 113, 102) }
```

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

```
.border{ border-color:rgb(153, 113, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 113, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 113, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 113, 102);  
box-shadow:4px 4px 4px 4px rgb(153, 113,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5419, 0.3815, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 113, 102) }
```

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

```
.background{ background-color: rgb(153,  
113, 102) }
```

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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