

Converting Colors

$Y_{xy}(17.0560, 0.3875, 0.3056)$

Have a look what the booklet for
Yxy(17.0560, 0.3875, 0.3056)
contains.

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Color

Yxy(16.9870, 0.3868, 0.3049)

Conversions

Conversions Part 1

Format	Color
Hex	A0606F
RGB	160, 96, 111
RGB Percent	63%, 38%, 44%
CMY	0.3725, 0.6235, 0.5648
CMYK	0.00, 0.40, 0.31, 0.37
HSL	346°, 25%, 50%
HSV	346°, 40%, 63%
XYZ	21.5499, 16.9870, 17.1764
YIQ	116.8460, 33.3290, 18.2330

Conversions

Conversions Part 2

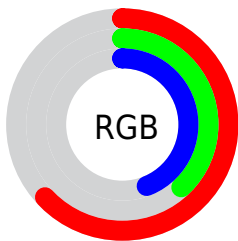
Format	Color
R_{YB}	160, 96, 111
Decimal	10510447
CIE _{Lab}	48.24, 27.97, 2.70
CIE _{LCh}	48, 28.105, 5.511
Yxy	16.9870, 0.3868, 0.3049
Android (android.graphics.Color)	4288700527 (0xFFA0606F)
YUV	116.8460, -2.8821, 37.8461
Hunter-Lab	41.2153, 21.2042, 4.1417

Details

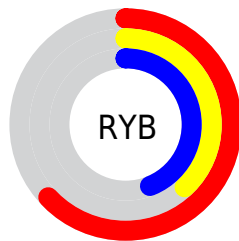
The Yxy color **16.9870, 0.3868, 0.3049** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.6772, 0.2695, 0.3553**, and the grayscale version is **17.7405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4231, 0.3683, 0.3108**, and **5.5370, 0.4203, 0.2947** is the 20% darker color. If you saturate the color by 10%, you get **14.1075, 0.4159, 0.2993**, and if you desaturate by 10%, it is **20.4994, 0.3624, 0.3111**.

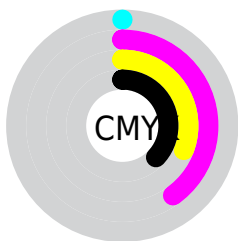
Distribution



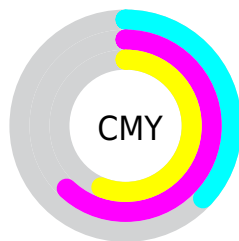
- Red (63%)
- Green (38%)
- Blue (44%)



- Red (63%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (40%)
- Yellow (31%)
- Black (37%)





- Cyan (37%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.9870, 0.3868, 0.3049 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 16.9870, 0.3868, 0.3049 by changing the saturation by 10% instead.


 16.9870, 0.3868,
0.3049


 16.9870, 0.3868,
0.3049


235.0975, 0.3435,
0.3193


 10.2252, 0.4005,
0.3002


 38.3034, 0.3692,
0.3109


 5.5485, 0.4202,
0.2932

 53.6269, 0.3631,
0.3129

 2.5726, 0.4512,
0.2820

 72.5730, 0.3583,
0.3145

 0.9129, 0.5072,
0.2619

 95.5261, 0.3543,
0.3158

 0.0000, 1.0000,
0.0000

122.8708, 0.3509,
0.3169

 0.0000, 0.0000,
0.0000

154.9913, 0.3481,

0.3178

192.2721, 0.3456,
0.3186

■ 16.9870, 0.3868,
0.3049

■ 16.9870, 0.3868,
0.3049

■ 14.1075, 0.4159,
0.2993

■ 20.4994, 0.3624,
0.3111

■ 11.8208, 0.4498,
0.2949

■ 24.6769, 0.3424,
0.3173

■ 10.0856, 0.4875,
0.2927


■ 29.5525, 0.3260,
0.3233

■ 8.8548, 0.5266,
0.2936


■ 35.1562, 0.3127,
0.3290

■ 8.0728, 0.5636,
0.2983


■ 41.5163, 0.3019,
0.3342

 7.6110, 0.5954,
0.3053

 48.6594, 0.2930,
0.3390

 56.6111, 0.2858,
0.3434

 65.3957, 0.2798,
0.3474

 75.0364, 0.2748,
0.3510

Harmonies

Analogous

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



16.9870, 0.3341, 0.2696



16.9870, 0.3868, 0.3049



16.9870, 0.4186, 0.3471

Triad

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



16.9870, 0.3868, 0.3049



16.9870, 0.3391, 0.4281



16.9870, 0.2161, 0.2587

Complementary

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



16.9870, 0.3868, 0.3049



29.6772, 0.2695, 0.3553

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.



16.9870, 0.2172, 0.2960



16.9870, 0.3868, 0.3049



16.9870, 0.2853, 0.4015

Square

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



16.9870, 0.3868, 0.3049



16.9870, 0.3882, 0.4206



16.9870, 0.2414, 0.3495



16.9870, 0.2376, 0.2428

Rectangle

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



16.9870, 0.3868, 0.3049



16.9870, 0.4221, 0.3756



16.9870, 0.2414, 0.3495



16.9870, 0.2139, 0.2688

Sweetspot

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



16.9878, 0.3868, 0.3049



51.5667, 0.3294, 0.3220



16.8343, 0.2969, 0.2268



11.0701, 0.3313, 0.3213



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



16.9878, 0.3868, 0.3049



26.1221, 0.4126, 0.2998



19.9082, 0.3998, 0.3552



6.6703, 0.3249, 0.3238



5.9340, 0.5931, 0.3041



0.1119, 0.4965, 0.2509

Inverse Universe

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



16.9878, 0.3868, 0.3049



26.1221, 0.4126, 0.2998



24.9741, 0.2545, 0.3006



6.6703, 0.3249, 0.3238



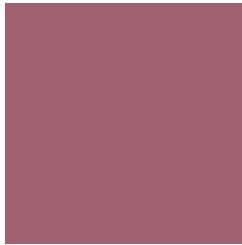
5.9340, 0.5931, 0.3041



0.1119, 0.4965, 0.2509

Previews

White Background



This preview shows how the Yxy color 16.9870, 0.3868, 0.3049 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 16.9870, 0.3868, 0.3049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

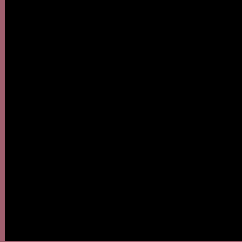
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.9870, 0.3868, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 16.9870, 0.3868, 0.3049.



This preview shows how white text looks on a background with the Yxy color 16.9870, 0.3868, 0.3049.

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

16.9870, 0.3868, 0.3049

Protanopia

17.0846, 0.3045, 0.3134

Deuteranopia

17.1187, 0.3411, 0.3348



Tritanopia

16.9198, 0.3958, 0.3178

Trichromacy



Original Color

16.9870, 0.3868, 0.3049

Protanomaly

16.6487, 0.3316, 0.3086

Deuteranomaly

16.9876, 0.3569, 0.3237

Tritanomaly

16.9819, 0.3911, 0.3129

Monochromacy



Original Color

16.9870, 0.3868, 0.3049

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.1616, 0.3379, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.9870, 0.3868, 0.3049 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(160, 96, 111)` looks like.

```
.text, #text, p{  
    color:rgb(160, 96, 111)  
}
```

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(160, 96, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 96, 111) }
```

Border

The CSS property to change the border of an element to Yxy 16.9870, 0.3868, 0.3049 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(160, 96, 111) }
```

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

```
.border{ border-color:rgb(160, 96, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 96, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 96, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 96, 111);  
box-shadow:4px 4px 4px 4px rgb(160, 96,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 16.9870, 0.3868, 0.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 96, 111) }
```

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

```
.background{ background-color: rgb(160, 96,  
111) }
```

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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