

Converting Colors

$Y_{xy}(16.7866, 0.3833, 0.3125)$

Have a look what the booklet for
Yxy(16.7866, 0.3833, 0.3125)
contains.

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Color

Yxy(16.7866, 0.3833, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	9B626C
RGB	155, 98, 108
RGB Percent	61%, 38%, 42%
CMY	0.3922, 0.6156, 0.5765
CMYK	0.00, 0.37, 0.30, 0.39
HSL	349°, 23%, 50%
HSV	349°, 37%, 61%
XYZ	20.5898, 16.7866, 16.3407
YIQ	116.1830, 30.7620, 15.1940

Conversions

Conversions Part 2

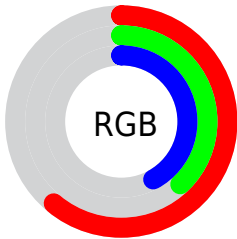
Format	Color
R _Y B	155, 98, 108
Decimal	10183276
CIE Lab	47.99, 24.47, 4.04
CIE LCh	48, 24.803, 9.383
Yxy	16.7866, 0.3833, 0.3125
Android (android.graphics.Color)	4288373356 (0xFF9B626C)
YUV	116.1830, -4.0342, 34.0425
Hunter-Lab	40.9715, 18.0032, 5.0332

Details

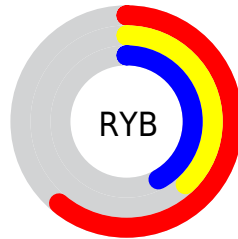
The Yxy color **16.7866, 0.3833, 0.3125** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.0798, 0.2700, 0.3466**, and the grayscale version is **17.5301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.8470, 0.3671, 0.3167**, and **5.4429, 0.4151, 0.3028** is the 20% darker color. If you saturate the color by 10%, you get **13.9096, 0.4131, 0.3082**, and if you desaturate by 10%, it is **20.2667, 0.3586, 0.3171**.

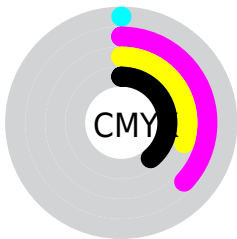
Distribution



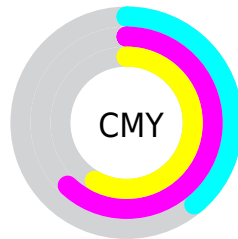
- Red (61%)
- Green (38%)
- Blue (42%)



- Red (61%)
- Yellow (38%)
- Blue (42%)



- Cyan (0%)
- Magenta (37%)
- Yellow (30%)
- Black (39%)





- Cyan (39%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.7866, 0.3833, 0.3125 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 16.7866, 0.3833, 0.3125 by changing the saturation by 10% instead.


 16.7866, 0.3833,
0.3125


 16.7866, 0.3833,
0.3125


233.9396, 0.3419,
0.3226


 10.0825, 0.3965,
0.3090


 37.9585, 0.3664,
0.3168


 5.4537, 0.4156,
0.3038

 53.1951, 0.3606,
0.3182

 2.5158, 0.4457,
0.2950

 72.0445, 0.3560,
0.3193

 0.8845, 0.5040,
0.2804

 94.8913, 0.3522,
0.3202

 0.0000, 1.0000,
0.0000

122.1198, 0.3490,
0.3210

 0.0000, 0.0000,
0.0000

154.1145, 0.3462,

0.3216

191.2596, 0.3439,
0.3222

■ 16.7866, 0.3833,
0.3125

■ 16.7866, 0.3833,
0.3125

■ 13.9096, 0.4131,
0.3082

■ 20.2667, 0.3586,
0.3171

■ 11.5990, 0.4482,
0.3047

■ 24.3791, 0.3384,
0.3218

■ 9.8179, 0.4877,
0.3027


■ 29.1539, 0.3220,
0.3262

■ 8.5241, 0.5292,
0.3031


■ 34.6186, 0.3087,
0.3303


■ 7.6685, 0.5688,
0.3065


■ 40.7992, 0.2979,
0.3341


 7.1767, 0.6017,
0.3124

 47.7202, 0.2891,
0.3375

 7.0471, 0.6110,
0.3140

 55.4051, 0.2819,
0.3407

 63.8763, 0.2759,
0.3435

 73.1552, 0.2709,
0.3461

Harmonies

Analogous

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



16.7866, 0.3384, 0.2794



16.7866, 0.3833, 0.3125



16.7866, 0.4081, 0.3510

Triad

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



16.7866, 0.3833, 0.3125



16.7866, 0.3305, 0.4148



16.7866, 0.2275, 0.2636

Complementary

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



16.7866, 0.3833, 0.3125



28.0798, 0.2700, 0.3466

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.



16.7866, 0.2259, 0.2950



16.7866, 0.3833, 0.3125



16.7866, 0.2830, 0.3876

Square

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



16.7866, 0.3833, 0.3125



16.7866, 0.3754, 0.4128



16.7866, 0.2453, 0.3410



16.7866, 0.2495, 0.2513

Rectangle

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



16.7866, 0.3833, 0.3125



16.7866, 0.4089, 0.3762



16.7866, 0.2453, 0.3410



16.7866, 0.2246, 0.2720

Sweetspot

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



16.7874, 0.3833, 0.3125



48.2629, 0.3289, 0.3242



17.0818, 0.3034, 0.2369



10.6828, 0.3309, 0.3237



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



16.7874, 0.3833, 0.3125



25.8159, 0.4070, 0.3090



20.3524, 0.3878, 0.3592



6.2395, 0.3257, 0.3251



5.6656, 0.6092, 0.3130



0.0886, 0.5208, 0.2643

Inverse Universe

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



16.7874, 0.3833, 0.3125



25.8159, 0.4070, 0.3090



22.8389, 0.2580, 0.2962



6.2395, 0.3257, 0.3251



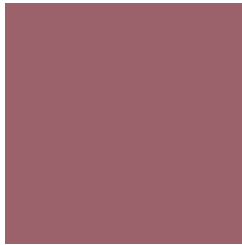
5.6656, 0.6092, 0.3130



0.0886, 0.5208, 0.2643

Previews

White Background



This preview shows how the Yxy color 16.7866, 0.3833, 0.3125 looks on a white background.

Color Contrast Check

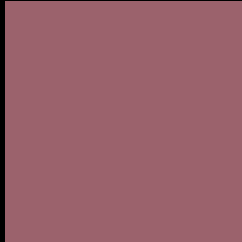
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.7866, 0.3833, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

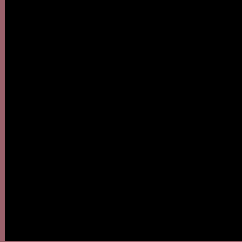
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.7866, 0.3833, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 16.7866, 0.3833, 0.3125.



This preview shows how white text looks on a background with the Yxy color 16.7866, 0.3833, 0.3125.

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

16.7866, 0.3833, 0.3125

Protanopia

17.0320, 0.3117, 0.3231

Deuteranopia

16.7817, 0.3427, 0.3367



Tritanopia

16.7445, 0.3864, 0.3158

Trichromacy



Original Color

16.7866, 0.3833, 0.3125

Protanomaly

16.6859, 0.3353, 0.3178

Deuteranomaly

16.7729, 0.3569, 0.3273

Tritanomaly

16.7655, 0.3849, 0.3141

Monochromacy



Original Color

16.7866, 0.3833, 0.3125

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.8754, 0.3364, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.7866, 0.3833, 0.3125 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(155, 98, 108)` looks like.

```
.text, #text, p{  
    color:rgb(155, 98, 108)  
}
```

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(155, 98, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 98, 108) }
```

Border

The CSS property to change the border of an element to Yxy 16.7866, 0.3833, 0.3125 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(155, 98, 108) }
```

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

```
.border{ border-color:rgb(155, 98, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 98, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 98, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 98, 108); box-shadow:4px 4px 4px 4px rgb(155, 98, 108) }
```


Background

The CSS property to change the background color of an element to Yxy 16.7866, 0.3833, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 98, 108) }
```

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

```
.background{ background-color: rgb(155, 98,  
108) }
```

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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