

Converting Colors

$Y_{xy}(16.5210, 0.3878, 0.3200)$

Have a look what the booklet for
Yxy(16.5210, 0.3878, 0.3200)
contains.

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Color

Yxy(16.4869, 0.3882, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	996267
RGB	153, 98, 103
RGB Percent	60%, 38%, 40%
CMY	0.3999, 0.6157, 0.5960
CMYK	0.00, 0.36, 0.33, 0.40
HSL	355°, 22%, 49%
HSV	355°, 36%, 60%
XYZ	19.9570, 16.4869, 14.9652
YIQ	115.0150, 31.1750, 13.2150

Conversions

Conversions Part 2

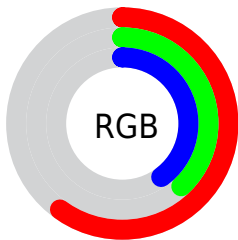
Format	Color
R_{YB}	153, 98, 103
Decimal	10052199
CIE Lab	47.61, 23.01, 6.45
CIE LCh	48, 23.902, 15.664
Yxy	16.4869, 0.3882, 0.3207
Android (android.graphics.Color)	4288242279 (0xFF996267)
YUV	115.0150, -5.9234, 33.3128
Hunter-Lab	40.6041, 16.6762, 6.5707

Details

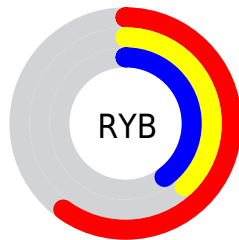
The Yxy color **16.4869, 0.3882, 0.3207** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.5259, 0.2672, 0.3378**, and the grayscale version is **17.1609, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.3833, 0.3703, 0.3229**, and **5.2761, 0.4239, 0.3146** is the 20% darker color. If you saturate the color by 10%, you get **13.6366, 0.4209, 0.3185**, and if you desaturate by 10%, it is **19.9327, 0.3612, 0.3231**.

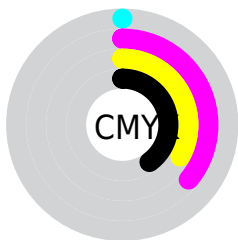
Distribution



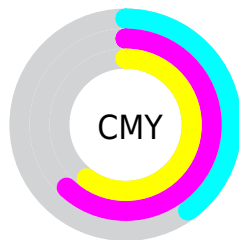
- Red (60%)
- Green (38%)
- Blue (40%)



- Red (60%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (36%)
- Yellow (33%)
- Black (40%)





- Cyan (40%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.4869, 0.3882, 0.3207 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 16.4869, 0.3882, 0.3207 by changing the saturation by 10% instead.


 16.4869, 0.3882,
0.3207


 16.4869, 0.3882,
0.3207

232.1979, 0.3437,
0.3263


 9.8693, 0.4025,
0.3185


 37.4414, 0.3700,
0.3233


 5.3124, 0.4232,
0.3149

 52.5472, 0.3638,
0.3241

 2.4317, 0.4561,
0.3083

 71.2512, 0.3588,
0.3247

 0.8421, 0.5303,
0.3024

 93.9378, 0.3547,
0.3251

 0.0000, 1.0000,
0.0000

120.9913, 0.3513,
0.3255

 0.0000, 0.0000,
0.0000

152.7963, 0.3483,

0.3259

189.7370, 0.3458,
0.3261

■ 16.4869, 0.3882,
0.3207

■ 16.4869, 0.3882,
0.3207

■ 13.6366, 0.4209,
0.3185

■ 19.9327, 0.3612,
0.3231

■ 11.3457, 0.4593,
0.3168

■ 24.0027, 0.3393,
0.3255

■ 9.5782, 0.5024,
0.3161


■ 28.7263, 0.3216,
0.3277

■ 8.2927, 0.5468,
0.3167


■ 34.1305, 0.3073,
0.3298


■ 7.4415, 0.5872,
0.3190

■ 40.2410, 0.2958,
0.3318


 6.9580, 0.6180,
0.3225

 47.0818, 0.2864,
0.3335

 6.8066, 0.6278,
0.3232

 54.6760, 0.2787,
0.3351

 63.0456, 0.2723,
0.3365

 72.2117, 0.2671,
0.3378

Harmonies

Analogous

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



16.4869, 0.3476, 0.2868



16.4869, 0.3882, 0.3207



16.4869, 0.4068, 0.3584

Triad

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



16.4869, 0.3882, 0.3207



16.4869, 0.3202, 0.4087



16.4869, 0.2328, 0.2615

Complementary

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



16.4869, 0.3882, 0.3207



27.5259, 0.2672, 0.3378

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.



16.4869, 0.2269, 0.2883



16.4869, 0.3882, 0.3207



16.4869, 0.2751, 0.3772

Square

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



16.4869, 0.3882, 0.3207



16.4869, 0.3654, 0.4129



16.4869, 0.2417, 0.3308



16.4869, 0.2582, 0.2533

Rectangle

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



16.4869, 0.3882, 0.3207



16.4869, 0.4037, 0.3821



16.4869, 0.2417, 0.3308



16.4869, 0.2285, 0.2683

Sweetspot

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



16.4877, 0.3882, 0.3207



46.8364, 0.3304, 0.3266



17.2856, 0.3096, 0.2406



10.1169, 0.3326, 0.3263



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.



16.4877, 0.3882, 0.3207



25.4070, 0.4135, 0.3190



21.0906, 0.3829, 0.3661



6.2314, 0.3270, 0.3270



5.6257, 0.6267, 0.3226



0.0862, 0.5697, 0.2912

Inverse Universe

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



16.4877, 0.3882, 0.3207



25.4070, 0.4135, 0.3190



21.1327, 0.2580, 0.2884



6.2314, 0.3270, 0.3270



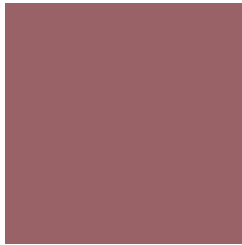
5.6257, 0.6267, 0.3226



0.0862, 0.5697, 0.2912

Previews

White Background



This preview shows how the Yxy color 16.4869, 0.3882, 0.3207 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 16.4869, 0.3882, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

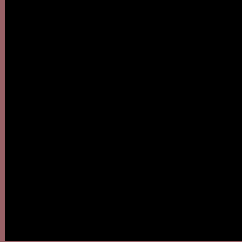
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.4869, 0.3882, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 16.4869, 0.3882, 0.3207.



This preview shows how white text looks on a background with the Yxy color 16.4869, 0.3882, 0.3207.

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

16.4869, 0.3882, 0.3207

Protanopia

16.6710, 0.3191, 0.3330

Deuteranopia

16.5440, 0.3513, 0.3444



Tritanopia

16.5276, 0.3851, 0.3174

Trichromacy



Original Color

16.4869, 0.3882, 0.3207

Protanomaly

16.4750, 0.3420, 0.3291

Deuteranomaly

16.4657, 0.3645, 0.3347

Tritanomaly

16.5071, 0.3866, 0.3190

Monochromacy



Original Color

16.4869, 0.3882, 0.3207

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.7521, 0.3377, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.4869, 0.3882, 0.3207 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, 98, 103)` looks like.

```
.text, #text, p{  
    color:rgb(153, 98, 103)  
}
```

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, 98, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 98, 103) }
```

Border

The CSS property to change the border of an element to Yxy 16.4869, 0.3882, 0.3207 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, 98, 103) }
```

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

```
.border{ border-color:rgb(153, 98, 103) }
```

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

Here you see how a box with a 4 pixel rgb(153, 98, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 98, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 98, 103);  
box-shadow:4px 4px 4px 4px rgb(153, 98,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 16.4869, 0.3882, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 98, 103) }
```

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

```
.background{ background-color: rgb(153, 98,  
103) }
```

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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