

Converting Colors

$Y_{xy}(16.4197, 0.3799, 0.3209)$

Have a look what the booklet for
Yxy(16.4197, 0.3799, 0.3209)
contains.

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Color

Yxy(16.3127, 0.3803, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	956368
RGB	149, 99, 104
RGB Percent	58%, 39%, 41%
CMY	0.4157, 0.6118, 0.5921
CMYK	0.00, 0.34, 0.30, 0.42
HSL	354°, 20%, 49%
HSV	354°, 34%, 58%
XYZ	19.3564, 16.3127, 15.2286
YIQ	114.5200, 28.1950, 12.1550

Conversions

Conversions Part 2

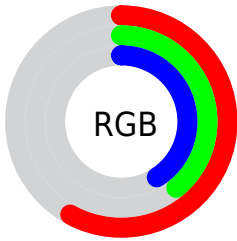
Format	Color
R_{YB}	149, 99, 104
Decimal	9790312
CIE _{Lab}	47.38, 20.97, 5.46
CIE _{LCh}	47, 21.672, 14.603
Yxy	16.3127, 0.3803, 0.3205
Android (android.graphics.Color)	4287980392 (0xFF956368)
YUV	114.5200, -5.1864, 30.2390
Hunter-Lab	40.3890, 14.8652, 5.9171

Details

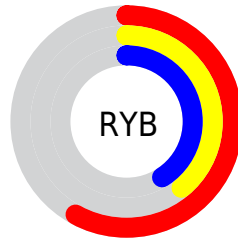
The Yxy color **16.3127, 0.3803, 0.3205** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.1631, 0.2703, 0.3379**, and the grayscale version is **17.0019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.0166, 0.3638, 0.3227**, and **5.2928, 0.4125, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **13.4947, 0.4111, 0.3180**, and if you desaturate by 10%, it is **19.6965, 0.3550, 0.3231**.

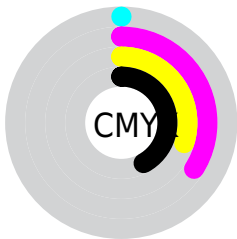
Distribution



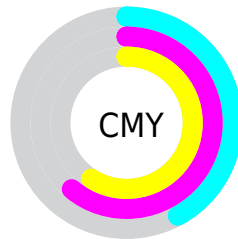
- Red (58%)
- Green (39%)
- Blue (41%)



- Red (58%)
- Yellow (39%)
- Blue (41%)



- Cyan (0%)
- Magenta (34%)
- Yellow (30%)
- Black (42%)





- Cyan (42%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.3127, 0.3803, 0.3205 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 16.3127, 0.3803, 0.3205 by changing the saturation by 10% instead.


 16.3127, 0.3803,
0.3205


 16.3127, 0.3803,
0.3205


231.1799, 0.3404,
0.3261


 9.7457, 0.3931,
0.3184


 37.1402, 0.3639,
0.3230

 5.2307, 0.4118,
0.3150

 52.1695, 0.3584,
0.3238

 2.3832, 0.4417,
0.3089

 70.7884, 0.3539,
0.3244

 0.8172, 0.5088,
0.3030

 93.3812, 0.3503,
0.3249

 0.0000, 1.0000,
0.0000

120.3324, 0.3472,
0.3253

 0.0000, 0.0000,
0.0000

152.0263, 0.3446,

0.3256

188.8473, 0.3423,
0.3259

■ 16.3127, 0.3803,
0.3205

■ 16.3127, 0.3803,
0.3205

■ 13.4947, 0.4111,
0.3180

■ 19.6965, 0.3550,
0.3231

■ 11.2095, 0.4477,
0.3160

■ 23.6722, 0.3344,
0.3257

■ 9.4241, 0.4893,
0.3148


■ 28.2671, 0.3178,
0.3282


■ 8.1011, 0.5333,
0.3150


■ 33.5060, 0.3044,
0.3304


■ 7.1976, 0.5753,
0.3169

■ 39.4125, 0.2935,
0.3325

 6.6627, 0.6092,
0.3206

 46.0089, 0.2847,
0.3344

 6.4245, 0.6260,
0.3222

 53.3165, 0.2774,
0.3361

 61.3557, 0.2714,
0.3376

 70.1461, 0.2664,
0.3390

Harmonies

Analogous

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



16.3127, 0.3431, 0.2894



16.3127, 0.3803, 0.3205



16.3127, 0.3981, 0.3552

Triad

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



16.3127, 0.3803, 0.3205



16.3127, 0.3214, 0.4016



16.3127, 0.2389, 0.2679

Complementary

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



16.3127, 0.3803, 0.3205



26.1631, 0.2703, 0.3379

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.



16.3127, 0.2342, 0.2934



16.3127, 0.3803, 0.3205



16.3127, 0.2799, 0.3739

Square

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



16.3127, 0.3803, 0.3205



16.3127, 0.3623, 0.4050



16.3127, 0.2486, 0.3324



16.3127, 0.2618, 0.2596

Rectangle

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



16.3127, 0.3803, 0.3205



16.3127, 0.3961, 0.3769



16.3127, 0.2486, 0.3324



16.3127, 0.2352, 0.2746

Sweetspot

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



16.3135, 0.3803, 0.3205



45.0265, 0.3284, 0.3266



16.9487, 0.3089, 0.2464



9.7548, 0.3307, 0.3262



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



16.3135, 0.3803, 0.3205



25.4549, 0.4021, 0.3187



20.2877, 0.3773, 0.3620



5.8243, 0.3267, 0.3268



5.4089, 0.6249, 0.3216



0.0681, 0.5628, 0.2874

Inverse Universe

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



16.3135, 0.3803, 0.3205



25.4549, 0.4021, 0.3187



20.7447, 0.2620, 0.2933



5.8243, 0.3267, 0.3268



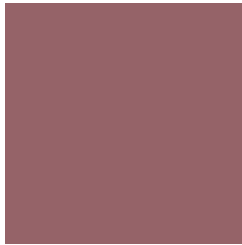
5.4089, 0.6249, 0.3216



0.0681, 0.5628, 0.2874

Previews

White Background



This preview shows how the Yxy color 16.3127, 0.3803, 0.3205 looks on a white background.

Color Contrast Check

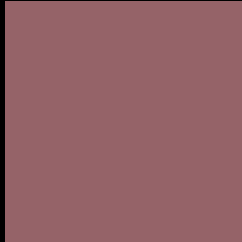
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.3127, 0.3803, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

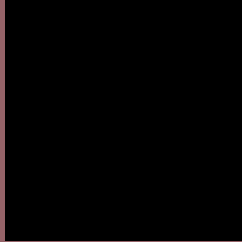
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.3127, 0.3803, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 16.3127, 0.3803, 0.3205.



This preview shows how white text looks on a background with the Yxy color 16.3127, 0.3803, 0.3205.

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

16.3127, 0.3803, 0.3205

Protanopia

16.3809, 0.3179, 0.3310

Deuteranopia

16.4086, 0.3470, 0.3426



Tritanopia

16.3538, 0.3772, 0.3171

Trichromacy



Original Color

16.3127, 0.3803, 0.3205

Protanomaly

16.1101, 0.3395, 0.3272

Deuteranomaly

16.2333, 0.3587, 0.3329

Tritanomaly

16.3332, 0.3788, 0.3188

Monochromacy



Original Color

16.3127, 0.3803, 0.3205

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.5970, 0.3349, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.3127, 0.3803, 0.3205 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(149, 99, 104)` looks like.

```
.text, #text, p{  
  color:rgb(149, 99, 104)  
}
```

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(149, 99, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 99, 104) }
```

Border

The CSS property to change the border of an element to Yxy 16.3127, 0.3803, 0.3205 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(149, 99, 104) }
```

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

```
.border{ border-color:rgb(149, 99, 104) }
```

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

Here you see how a box with a 4 pixel rgb(149, 99, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 99, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 99, 104);  
box-shadow:4px 4px 4px 4px rgb(149, 99,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 16.3127, 0.3803, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 99, 104) }
```

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

```
.background{ background-color: rgb(149, 99,  
104) }
```

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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