

Converting Colors

$Y_{xy}(16.8647, 0.3794, 0.2916)$

Have a look what the booklet for
Yxy(16.8647, 0.3794, 0.2916)
contains.

Yxy(16.8668, 0.3797, 0.2923)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(16.8668, 0.3797, 0.2923)

Conversions

Conversions Part 1

Format	Color
Hex	A15E75
RGB	161, 94, 117
RGB Percent	63%, 37%, 46%
CMY	0.3686, 0.6313, 0.5412
CMYK	0.00, 0.42, 0.27, 0.37
HSL	339°, 26%, 50%
HSV	339°, 42%, 63%
XYZ	21.9101, 16.8668, 18.9268
YIQ	116.6550, 32.5490, 21.3570

Conversions

Conversions Part 2

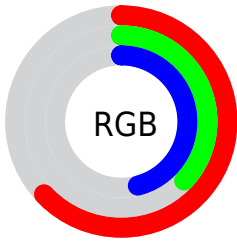
Format	Color
R_{YB}	161, 94, 117
Decimal	10575477
CIE Lab	48.09, 30.32, -1.12
CIE LCh	48, 30.339, 357.893
Yxy	16.8668, 0.3797, 0.2923
Android (android.graphics.Color)	4288765557 (0xFFA15E75)
YUV	116.6550, 0.1701, 38.8906
Hunter-Lab	41.0692, 23.3573, 1.4245

Details

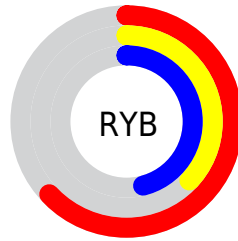
The Yxy color **16.8668, 0.3797, 0.2923** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.7034, 0.2734, 0.3700**, and the grayscale version is **17.6693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1741, 0.3635, 0.3013**, and **5.4322, 0.4087, 0.2749** is the 20% darker color. If you saturate the color by 10%, you get **14.0617, 0.4048, 0.2840**, and if you desaturate by 10%, it is **20.2989, 0.3585, 0.3013**.

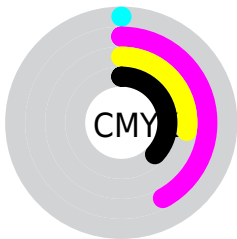
Distribution



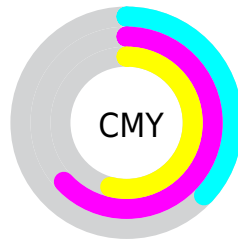
- Red (63%)
- Green (37%)
- Blue (46%)



- Red (63%)
- Yellow (37%)
- Blue (46%)



- Cyan (0%)
- Magenta (42%)
- Yellow (27%)
- Black (37%)





- Cyan (37%)
- Magenta (63%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.8668, 0.3797, 0.2923 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 16.8668, 0.3797, 0.2923 by changing the saturation by 10% instead.


 16.8668, 0.3797,
0.2923


 16.8668, 0.3797,
0.2923


234.4036, 0.3407,
0.3136


 10.1396, 0.3919,
0.2857


 38.0966, 0.3639,
0.3009


 5.4916, 0.4094,
0.2763

 53.3680, 0.3585,
0.3038

 2.5385, 0.4367,
0.2617

 72.2562, 0.3541,
0.3062

 0.8958, 0.4847,
0.2365

 95.1456, 0.3505,
0.3082

 0.0000, 1.0000,
0.0000

122.4207, 0.3475,
0.3098

 0.0000, 0.0000,
0.0000

154.4658, 0.3449,

0.3113

191.6653, 0.3427,
0.3125

■ 16.8668, 0.3797,
0.2923

■ 16.8668, 0.3797,
0.2923

■ 14.0617, 0.4048,
0.2840

■ 20.2989, 0.3585,
0.3013

■ 11.8426, 0.4336,
0.2774

■ 24.3905, 0.3409,
0.3104

■ 10.1680, 0.4657,
0.2735


■ 29.1751, 0.3263,
0.3193


■ 8.9892, 0.4993,
0.2735

■ 34.6827, 0.3144,
0.3277


■ 8.2490, 0.5320,
0.2782


■ 40.9420, 0.3046,
0.3355

 7.8545, 0.5578,
0.2846

 47.9799, 0.2966,
0.3427

 55.8221, 0.2900,
0.3493

 64.4929, 0.2846,
0.3553

 74.0158, 0.2800,
0.3608

Harmonies

Analogous

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



16.8668, 0.3199, 0.2578



16.8668, 0.3797, 0.2923



16.8668, 0.4217, 0.3360

Triad

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



16.8668, 0.3797, 0.2923



16.8668, 0.3552, 0.4378



16.8668, 0.2071, 0.2609

Complementary

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



16.8668, 0.3797, 0.2923



29.7034, 0.2734, 0.3700

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.



16.8668, 0.2143, 0.3063



16.8668, 0.3797, 0.2923



16.8668, 0.2970, 0.4189

Square

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



16.8668, 0.3797, 0.2923



16.8668, 0.4045, 0.4205



16.8668, 0.2459, 0.3667



16.8668, 0.2240, 0.2385

Rectangle

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



16.8668, 0.3797, 0.2923



16.8668, 0.4315, 0.3668



16.8668, 0.2459, 0.3667



16.8668, 0.2068, 0.2736

Sweetspot

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



16.8676, 0.3797, 0.2923



51.6873, 0.3272, 0.3188



15.9450, 0.2876, 0.2200



11.0988, 0.3288, 0.3177



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.



16.8676, 0.3797, 0.2923



25.4874, 0.4030, 0.2846



18.2969, 0.4093, 0.3455



7.1242, 0.3234, 0.3213



6.2807, 0.5556, 0.2835



0.1406, 0.4601, 0.2308

Inverse Universe

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



16.8676, 0.3797, 0.2923



25.4874, 0.4030, 0.2846



27.0692, 0.2542, 0.3113



7.1242, 0.3234, 0.3213



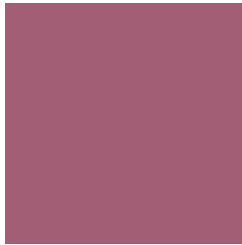
6.2807, 0.5556, 0.2835



0.1406, 0.4601, 0.2308

Previews

White Background



This preview shows how the Yxy color 16.8668, 0.3797, 0.2923 looks on a white background.

Color Contrast Check

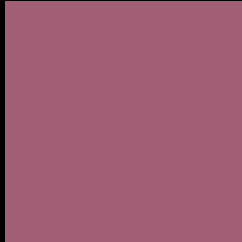
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.8668, 0.3797, 0.2923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

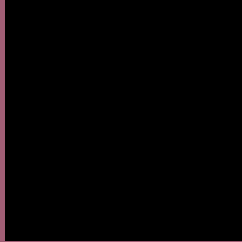
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.8668, 0.3797, 0.2923

Background



This preview shows how black text looks on a background with the Yxy color 16.8668, 0.3797, 0.2923.



This preview shows how white text looks on a background with the Yxy color 16.8668, 0.3797, 0.2923.

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

16.8668, 0.3797, 0.2923

Protanopia

17.0644, 0.2928, 0.2998

Deuteranopia

17.0194, 0.3292, 0.3233



Tritanopia

16.8388, 0.3977, 0.3162

Trichromacy



Original Color

16.8668, 0.3797, 0.2923

Protanomaly

16.7419, 0.3210, 0.2959

Deuteranomaly

16.8299, 0.3474, 0.3111

Tritanomaly

16.7621, 0.3904, 0.3065

Monochromacy



Original Color

16.8668, 0.3797, 0.2923

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.2082, 0.3352, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.8668, 0.3797, 0.2923 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(161, 94, 117)` looks like.

```
.text, #text, p{  
    color:rgb(161, 94, 117)  
}
```

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(161, 94, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 94, 117) }
```

Border

The CSS property to change the border of an element to Yxy 16.8668, 0.3797, 0.2923 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(161, 94, 117) }
```

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

```
.border{ border-color:rgb(161, 94, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 94, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 94, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 94, 117); box-shadow:4px 4px 4px 4px rgb(161, 94, 117) }
```


Background

The CSS property to change the background color of an element to Yxy 16.8668, 0.3797, 0.2923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 94, 117) }
```

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

```
.background{ background-color: rgb(161, 94,  
117) }
```

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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