

Converting Colors

$Y_{xy}(19.3069, 0.3801, 0.3120)$

Have a look what the booklet for
Yxy(19.3069, 0.3801, 0.3120)
contains.

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Color

Yxy(19.2566, 0.3807, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	A46974
RGB	164, 105, 116
RGB Percent	64%, 41%, 45%
CMY	0.3567, 0.5883, 0.5451
CMYK	0.00, 0.36, 0.29, 0.36
HSL	349°, 25%, 53%
HSV	349°, 36%, 64%
XYZ	23.5194, 19.2566, 19.0033
YIQ	123.8950, 31.6330, 15.9290

Conversions

Conversions Part 2

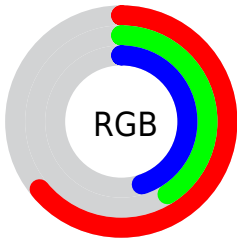
Format	Color
RYB	164, 105, 116
Decimal	10774900
CIELab	50.99, 25.17, 3.72
CIELCh	51, 25.447, 8.417
Yxy	19.2566, 0.3807, 0.3117
Android (android.graphics.Color)	4288964980 (0xFFA46974)
YUV	123.8950, -3.8922, 35.1721
Hunter-Lab	43.8823, 18.8755, 5.0420

Details

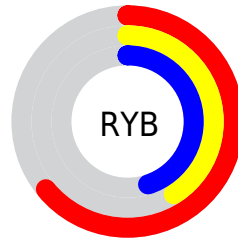
The Yxy color **19.2566, 0.3807, 0.3117** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.8655, 0.2710, 0.3475**, and the grayscale version is **20.1251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.1567, 0.3646, 0.3160**, and **6.6586, 0.4085, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **15.9442, 0.4099, 0.3070**, and if you desaturate by 10%, it is **23.2599, 0.3565, 0.3167**.

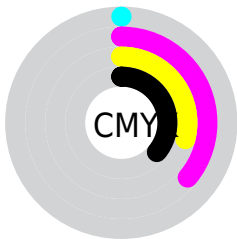
Distribution



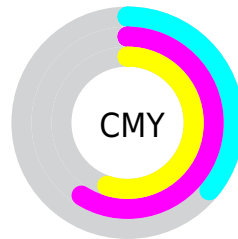
- Red (64%)
- Green (41%)
- Blue (45%)



- Red (64%)
- Yellow (41%)
- Blue (45%)



- Cyan (0%)
- Magenta (36%)
- Yellow (29%)
- Black (36%)





- Cyan (36%)
- Magenta (59%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.2566, 0.3807, 0.3117 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 19.2566, 0.3807, 0.3117 by changing the saturation by 10% instead.


 19.2566, 0.3807,
0.3117


 19.2566, 0.3807,
0.3117


247.8617, 0.3416,
0.3221


 11.8558, 0.3927,
0.3083


 42.1672, 0.3650,
0.3160


 6.6456, 0.4098,
0.3034


 58.4459, 0.3595,
0.3174

 3.2415, 0.4360,
0.2955

 78.4527, 0.3551,
0.3186

 1.2591, 0.4807,
0.2810

 102.5719, 0.3515,
0.3195

 0.1092, 0.8681,
0.1319

131.1881, 0.3484,
0.3203

 0.0000, 0.0000,
0.0000

164.6855, 0.3458,

0.3210

203.4486, 0.3435,
0.3216

■ 19.2566, 0.3807,
0.3117

■ 19.2566, 0.3807,
0.3117

■ 15.9442, 0.4099,
0.3070

■ 23.2599, 0.3565,
0.3167

■ 13.2808, 0.4443,
0.3032

■ 27.9874, 0.3368,
0.3216

■ 11.2244, 0.4832,
0.3009


■ 33.4734, 0.3208,
0.3263


■ 9.7267, 0.5244,
0.3011


■ 39.7493, 0.3078,
0.3307

■ 8.7320, 0.5641,
0.3044


■ 46.8448, 0.2973,
0.3347


 8.1658, 0.5975,
0.3106

 54.7879, 0.2887,
0.3384

 7.9931, 0.6091,
0.3129

 63.6054, 0.2816,
0.3418

 73.3229, 0.2758,
0.3448

 83.9649, 0.2710,
0.3475

Harmonies

Analogous

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



19.2566, 0.3363, 0.2794



19.2566, 0.3807, 0.3117



19.2566, 0.4059, 0.3495

Triad

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



19.2566, 0.3807, 0.3117



19.2566, 0.3318, 0.4133



19.2566, 0.2287, 0.2656

Complementary

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



19.2566, 0.3807, 0.3117



31.8655, 0.2710, 0.3475

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.



19.2566, 0.2278, 0.2970



19.2566, 0.3807, 0.3117



19.2566, 0.2850, 0.3875

Square

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



19.2566, 0.3807, 0.3117



19.2566, 0.3754, 0.4107



19.2566, 0.2475, 0.3424



19.2566, 0.2497, 0.2528

Rectangle

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



19.2566, 0.3807, 0.3117



19.2566, 0.4073, 0.3743



19.2566, 0.2475, 0.3424



19.2566, 0.2260, 0.2740

Sweetspot

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



19.2575, 0.3807, 0.3117



55.3720, 0.3287, 0.3239



19.4788, 0.3024, 0.2381



11.8322, 0.3308, 0.3233



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



19.2575, 0.3807, 0.3117



30.1410, 0.4030, 0.3080



23.0073, 0.3868, 0.3572



7.1066, 0.3257, 0.3248



6.1314, 0.6070, 0.3117



0.1345, 0.5224, 0.2652

Inverse Universe

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



19.2575, 0.3807, 0.3117



30.1410, 0.4030, 0.3080



26.3403, 0.2591, 0.2986



7.1066, 0.3257, 0.3248



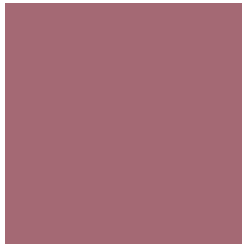
6.1314, 0.6070, 0.3117



0.1345, 0.5224, 0.2652

Previews

White Background



This preview shows how the Yxy color 19.2566, 0.3807, 0.3117 looks on a white 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

Black Background



This preview shows how the Yxy color 19.2566, 0.3807, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

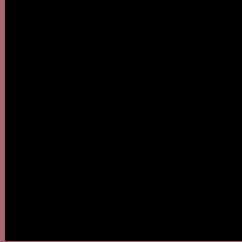
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.2566, 0.3807, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 19.2566, 0.3807, 0.3117.



This preview shows how white text looks on a background with the Yxy color 19.2566, 0.3807, 0.3117.

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

19.2566, 0.3807, 0.3117

Protanopia

19.3664, 0.3106, 0.3216

Deuteranopia

19.4901, 0.3422, 0.3363



Tritanopia

19.1879, 0.3850, 0.3165

Trichromacy



Original Color

19.2566, 0.3807, 0.3117

Protanomaly

19.0699, 0.3341, 0.3166

Deuteranomaly

19.2511, 0.3558, 0.3257

Tritanomaly

19.2106, 0.3836, 0.3149

Monochromacy



Original Color

19.2566, 0.3807, 0.3117

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.5920, 0.3363, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.2566, 0.3807, 0.3117 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(164, 105, 116)` looks like.

```
.text, #text, p{  
    color:rgb(164, 105, 116)  
}
```

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(164, 105, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 105, 116) }
```

Border

The CSS property to change the border of an element to Yxy 19.2566, 0.3807, 0.3117 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(164, 105, 116) }
```

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

```
.border{ border-color:rgb(164, 105, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 105, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 105, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 105, 116);  
box-shadow:4px 4px 4px 4px rgb(164, 105,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 19.2566, 0.3807, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 105, 116) }
```

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

```
.background{ background-color: rgb(164,  
105, 116) }
```

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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