

Converting Colors

$Yxy(19.1181, 0.3890, 0.3126)$

Have a look what the booklet for
Yxy(19.1181, 0.3890, 0.3126)
contains.

Yxy(19.1309, 0.3886, 0.3120)	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(19.1309, 0.3886, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	A76772
RGB	167, 103, 114
RGB Percent	65%, 40%, 45%
CMY	0.3450, 0.5961, 0.5529
CMYK	0.00, 0.38, 0.32, 0.35
HSL	350°, 27%, 53%
HSV	350°, 38%, 65%
XYZ	23.8278, 19.1309, 18.3583
YIQ	123.3900, 34.6130, 16.9890

Conversions

Conversions Part 2

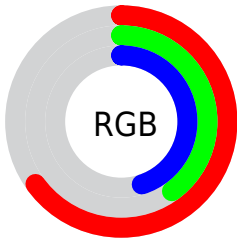
Format	Color
R_{YB}	167, 103, 114
Decimal	10970994
CIE _{Lab}	50.84, 27.17, 4.75
CIE _{LCh}	51, 27.581, 9.921
Yxy	19.1309, 0.3886, 0.3120
Android (android.graphics.Color)	4289161074 (0xFFA76772)
YUV	123.3900, -4.6293, 38.2460
Hunter-Lab	43.7389, 20.6990, 5.7317

Details

The Yxy color **19.1309, 0.3886, 0.3120** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.9295, 0.2681, 0.3473**, and the grayscale version is **19.9504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0432, 0.3711, 0.3162**, and **6.5424, 0.4220, 0.3030** is the 20% darker color. If you saturate the color by 10%, you get **15.8434, 0.4197, 0.3078**, and if you desaturate by 10%, it is **23.1315, 0.3627, 0.3166**.

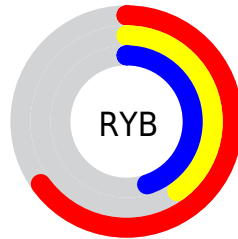
Distribution



Red (65%)

Green (40%)

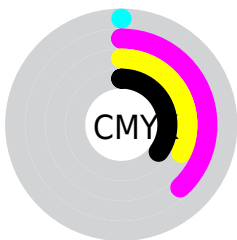
Blue (45%)



Red (65%)

Yellow (40%)

Blue (45%)

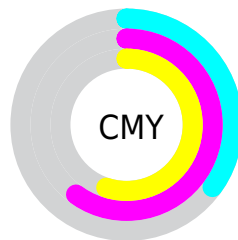


Cyan (0%)

Magenta (38%)

Yellow (32%)

Black (35%)



Cyan (35%)


Magenta (60%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1309, 0.3886, 0.3120 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 19.1309, 0.3886, 0.3120 by changing the saturation by 10% instead.


 19.1309, 0.3886,
0.3120


 19.1309, 0.3886,
0.3120


247.1705, 0.3448,
0.3224


 11.7649, 0.4020,
0.3085


 41.9552, 0.3710,
0.3163


 6.5838, 0.4212,
0.3034


 58.1822, 0.3649,
0.3178

 3.2032, 0.4505,
0.2951

 78.1318, 0.3600,
0.3189

 1.2387, 0.5004,
0.2796

 102.1882, 0.3559,
0.3199

 0.0930, 0.8899,
0.1101

130.7359, 0.3525,
0.3206

 0.0000, 0.0000,
0.0000

164.1592, 0.3496,

0.3213

202.8426, 0.3470,
0.3219

■ 19.1309, 0.3886,
0.3120

■ 19.1309, 0.3886,
0.3120

■ 15.8434, 0.4197,
0.3078

■ 23.1315, 0.3627,
0.3166

■ 13.2243, 0.4561,
0.3046

■ 27.8810, 0.3416,
0.3211

■ 11.2284, 0.4966,
0.3031


■ 33.4158, 0.3245,
0.3255

■ 9.8034, 0.5385,
0.3041


■ 39.7694, 0.3106,
0.3297

■ 8.8886, 0.5773,
0.3081

■ 46.9733, 0.2994,
0.3335

 8.3774, 0.6084,
0.3143

 55.0571, 0.2902,
0.3369

 8.3054, 0.6130,
0.3151

 64.0494, 0.2827,
0.3401

 73.9771, 0.2765,
0.3429

 84.8663, 0.2714,
0.3455

Harmonies

Analogous

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



19.1309, 0.3408, 0.2770



19.1309, 0.3886, 0.3120



19.1309, 0.4145, 0.3526

Triad

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



19.1309, 0.3886, 0.3120



19.1309, 0.3304, 0.4204



19.1309, 0.2227, 0.2590

Complementary

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



19.1309, 0.3886, 0.3120



32.9295, 0.2681, 0.3473

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.



19.1309, 0.2206, 0.2917



19.1309, 0.3886, 0.3120



19.1309, 0.2800, 0.3909

Square

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



19.1309, 0.3886, 0.3120



19.1309, 0.3783, 0.4184



19.1309, 0.2406, 0.3407



19.1309, 0.2463, 0.2467

Rectangle

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



19.1309, 0.3886, 0.3120



19.1309, 0.4149, 0.3793



19.1309, 0.2406, 0.3407



19.1309, 0.2196, 0.2677

Sweetspot

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



19.1318, 0.3886, 0.3120



55.8116, 0.3307, 0.3239



19.4863, 0.3028, 0.2323



12.2132, 0.3328, 0.3233



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



19.1318, 0.3886, 0.3120



29.1733, 0.4147, 0.3084



23.4296, 0.3927, 0.3608



7.5626, 0.3260, 0.3251



6.3587, 0.6110, 0.3140



0.1606, 0.5339, 0.2715

Inverse Universe

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



19.1318, 0.3886, 0.3120



29.1733, 0.4147, 0.3084



26.4626, 0.2555, 0.2944



7.5626, 0.3260, 0.3251



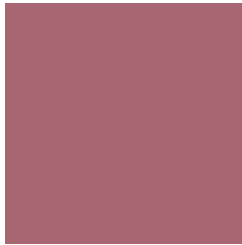
6.3587, 0.6110, 0.3140



0.1606, 0.5339, 0.2715

Previews

White Background



This preview shows how the Yxy color 19.1309, 0.3886, 0.3120 looks on a white background.

Color Contrast Check

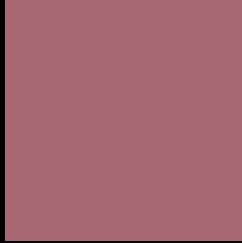
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1309, 0.3886, 0.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

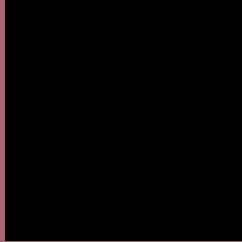
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1309, 0.3886, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 19.1309, 0.3886, 0.3120.



This preview shows how white text looks on a background with the Yxy color 19.1309, 0.3886, 0.3120.

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

19.1309, 0.3886, 0.3120

Protanopia

19.3409, 0.3117, 0.3234

Deuteranopia

19.1886, 0.3463, 0.3399



Tritanopia

19.0637, 0.3930, 0.3167

Trichromacy



Original Color

19.1309, 0.3886, 0.3120

Protanomaly

18.8797, 0.3382, 0.3184

Deuteranomaly

19.0541, 0.3616, 0.3291

Tritanomaly

19.0858, 0.3915, 0.3152

Monochromacy



Original Color

19.1309, 0.3886, 0.3120

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.3358, 0.3378, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1309, 0.3886, 0.3120 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(167, 103, 114)` looks like.

```
.text, #text, p{  
    color:rgb(167, 103, 114)  
}
```

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(167, 103, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 103, 114) }
```

Border

The CSS property to change the border of an element to Yxy 19.1309, 0.3886, 0.3120 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(167, 103, 114) }
```

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

```
.border{ border-color:rgb(167, 103, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 103, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 103, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 103, 114);  
box-shadow:4px 4px 4px 4px rgb(167, 103,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1309, 0.3886, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 103, 114) }
```

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

```
.background{ background-color: rgb(167,  
103, 114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor