

Converting Colors

$Y_{xy}(19.3366, 0.3572, 0.3107)$

Have a look what the booklet for
Yxy(19.3366, 0.3572, 0.3107)
contains.

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Color

Yxy(19.3046, 0.3568, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	996E79
RGB	153, 110, 121
RGB Percent	60%, 43%, 47%
CMY	0.4001, 0.5686, 0.5255
CMYK	0.00, 0.28, 0.21, 0.40
HSL	345°, 17%, 52%
HSV	345°, 28%, 60%
XYZ	22.1618, 19.3046, 20.6462
YIQ	124.1110, 22.0970, 12.5370

Conversions

Conversions Part 2

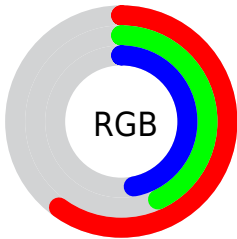
Format	Color
R_{YB}	153, 110, 121
Decimal	10055289
CIE _{Lab}	51.04, 18.77, 0.69
CIE _{LCh}	51, 18.786, 2.099
Yxy	19.3046, 0.3568, 0.3108
Android (android.graphics.Color)	4288245369 (0xFF996E79)
YUV	124.1110, -1.5337, 25.3357
Hunter-Lab	43.9370, 13.1455, 2.8952

Details

The Yxy color **19.3046, 0.3568, 0.3108** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.0465, 0.2818, 0.3482**, and the grayscale version is **20.1948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2677, 0.3469, 0.3155**, and **6.6930, 0.3745, 0.3023** is the 20% darker color. If you saturate the color by 10%, you get **16.0209, 0.3794, 0.3040**, and if you desaturate by 10%, it is **23.1931, 0.3382, 0.3176**.

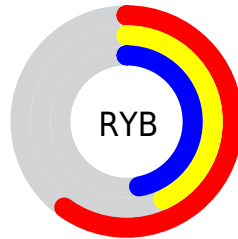
Distribution



Red (60%)

Green (43%)

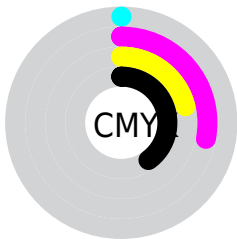
Blue (47%)



Red (60%)

Yellow (43%)

Blue (47%)

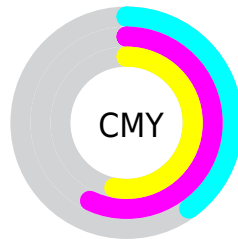


Cyan (0%)

Magenta (28%)

Yellow (21%)

Black (40%)



Cyan (40%)


Magenta (57%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3046, 0.3568, 0.3108 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 19.3046, 0.3568, 0.3108 by changing the saturation by 10% instead.


 19.3046, 0.3568,
0.3108


 19.3046, 0.3568,
0.3108


248.1252, 0.3315,
0.3213


 11.8906, 0.3645,
0.3076


 42.2482, 0.3467,
0.3150


 6.6692, 0.3755,
0.3029


 58.5465, 0.3432,
0.3165

 3.2561, 0.3924,
0.2958

 78.5751, 0.3403,
0.3177

 1.2669, 0.4216,
0.2834

 102.7183, 0.3379,
0.3186

 0.1153, 0.7466,
0.1516

131.3605, 0.3360,
0.3195

 0.0000, 0.0000,
0.0000

164.8861, 0.3343,

0.3202

203.6796, 0.3328,
0.3208

■ 19.3046, 0.3568,
0.3108

■ 19.3046, 0.3568,
0.3108

■ 16.0209, 0.3794,
0.3040

■ 23.1931, 0.3382,
0.3176

■ 13.3088, 0.4066,
0.2977

■ 27.7119, 0.3230,
0.3240

■ 11.1361, 0.4383,
0.2925


■ 32.8884, 0.3105,
0.3301

■ 9.4664, 0.4740,
0.2893


■ 38.7475, 0.3004,
0.3357


■ 8.2585, 0.5119,
0.2891


■ 45.3130, 0.2921,
0.3409

 7.4647, 0.5489,
0.2929


 52.6073, 0.2853,
0.3456

 6.9964, 0.5818,
0.2999

 60.6519, 0.2797,
0.3499

 6.9182, 0.5877,
0.3011

 69.4676, 0.2750,
0.3537

 79.0740, 0.2711,
0.3573

Harmonies

Analogous

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



19.3046, 0.3229, 0.2873



19.3046, 0.3568, 0.3108



19.3046, 0.3788, 0.3394

Triad

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



19.3046, 0.3568, 0.3108



19.3046, 0.3350, 0.3916



19.3046, 0.2479, 0.2861

Complementary

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



19.3046, 0.3568, 0.3108



28.0465, 0.2818, 0.3482

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.



19.3046, 0.2508, 0.3127



19.3046, 0.3568, 0.3108



19.3046, 0.2998, 0.3767

Square

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



19.3046, 0.3568, 0.3108



19.3046, 0.3653, 0.3871



19.3046, 0.2693, 0.3466



19.3046, 0.2610, 0.2727

Rectangle

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



19.3046, 0.3568, 0.3108



19.3046, 0.3831, 0.3584



19.3046, 0.2693, 0.3466



19.3046, 0.2470, 0.2937

Sweetspot

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



19.3055, 0.3568, 0.3108



49.5807, 0.3230, 0.3240



19.1625, 0.3018, 0.2582



10.6807, 0.3250, 0.3231



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.



19.3055, 0.3568, 0.3108



30.5907, 0.3712, 0.3063



21.3391, 0.3675, 0.3459



6.2473, 0.3245, 0.3233



5.7237, 0.5859, 0.3001



0.0908, 0.4835, 0.2437

Inverse Universe

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



19.3055, 0.3568, 0.3108



30.5907, 0.3712, 0.3063



25.2475, 0.2713, 0.3114



6.2473, 0.3245, 0.3233



5.7237, 0.5859, 0.3001



0.0908, 0.4835, 0.2437

Previews

White Background



This preview shows how the Yxy color 19.3046, 0.3568, 0.3108 looks on a white background.

Color Contrast Check

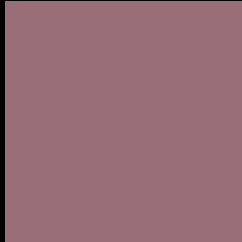
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3046, 0.3568, 0.3108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

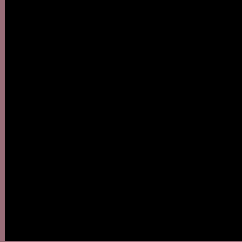
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3046, 0.3568, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 19.3046, 0.3568, 0.3108.



This preview shows how white text looks on a background with the Yxy color 19.3046, 0.3568, 0.3108.

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

19.3046, 0.3568, 0.3108

Protanopia

19.3708, 0.3060, 0.3160

Deuteranopia

19.3813, 0.3308, 0.3254



Tritanopia

19.2561, 0.3595, 0.3141

Trichromacy



Original Color

19.3046, 0.3568, 0.3108

Protanomaly

19.1898, 0.3236, 0.3146

Deuteranomaly

19.2803, 0.3406, 0.3203

Tritanomaly

19.2802, 0.3582, 0.3124

Monochromacy



Original Color

19.3046, 0.3568, 0.3108

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.7746, 0.3282, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3046, 0.3568, 0.3108 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, 110, 121)` looks like.

```
.text, #text, p{  
    color:rgb(153, 110, 121)  
}
```

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, 110, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 110, 121) }
```

Border

The CSS property to change the border of an element to Yxy 19.3046, 0.3568, 0.3108 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, 110, 121) }
```

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

```
.border{ border-color:rgb(153, 110, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 110, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 110, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 110, 121);  
box-shadow:4px 4px 4px 4px rgb(153, 110,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3046, 0.3568, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 110, 121) }
```

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

```
.background{ background-color: rgb(153,  
110, 121) }
```

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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