

Converting Colors

$Y_{xy}(19.4070, 0.3813, 0.2955)$

Have a look what the booklet for
Yxy(19.4070, 0.3813, 0.2955)
contains.

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Color

Yxy(19.3953, 0.3816, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	AB657B
RGB	171, 101, 123
RGB Percent	67%, 40%, 48%
CMY	0.3293, 0.6040, 0.5176
CMYK	0.00, 0.41, 0.28, 0.33
HSL	341°, 29%, 53%
HSV	341°, 41%, 67%
XYZ	25.0296, 19.3953, 21.1663
YIQ	124.4380, 34.6580, 21.6820

Conversions

Conversions Part 2

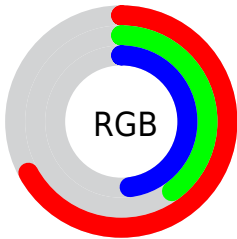
Format	Color
RYB	171, 101, 123
Decimal	11232635
CIELab	51.15, 31.06, -0.09
CIELCh	51, 31.061, 359.838
Yxy	19.3953, 0.3816, 0.2957
Android (android.graphics.Color)	4289422715 (0xFFAB657B)
YUV	124.4380, -0.7089, 40.8349
Hunter-Lab	44.0401, 24.3778, 2.3325

Details

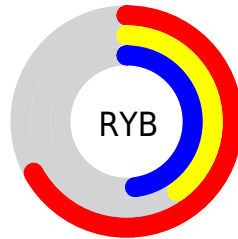
The Yxy color **19.3953, 0.3816, 0.2957** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.0752, 0.2724, 0.3660**, and the grayscale version is **20.3037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3716, 0.3664, 0.3037**, and **6.7323, 0.4119, 0.2829** is the 20% darker color. If you saturate the color by 10%, you get **16.1378, 0.4079, 0.2881**, and if you desaturate by 10%, it is **23.3810, 0.3595, 0.3040**.

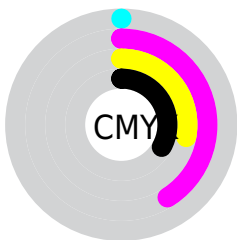
Distribution



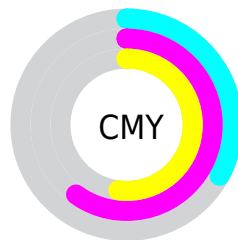
- Red (67%)
- Green (40%)
- Blue (48%)



- Red (67%)
- Yellow (40%)
- Blue (48%)



- Cyan (0%)
- Magenta (41%)
- Yellow (28%)
- Black (33%)





- Cyan (33%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3953, 0.3816, 0.2957 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 19.3953, 0.3816, 0.2957 by changing the saturation by 10% instead.


 19.3953, 0.3816,
0.2957


 19.3953, 0.3816,
0.2957


248.6224, 0.3422,
0.3147


 11.9563, 0.3935,
0.2899


 42.4010, 0.3659,
0.3033


 6.7139, 0.4104,
0.2818


 58.7365, 0.3604,
0.3059

 3.2838, 0.4359,
0.2695

 78.8062, 0.3560,
0.3081

 1.2816, 0.4790,
0.2487

 102.9945, 0.3523,
0.3099

 0.1269, 0.7643,
0.1103

131.6859, 0.3492,
0.3114

 0.0000, 0.0000,
0.0000

165.2648, 0.3465,

0.3127

204.1155, 0.3442,
0.3138

■ 19.3953, 0.3816,
0.2957

■ 19.3953, 0.3816,
0.2957

■ 16.1378, 0.4079,
0.2881

■ 23.3810, 0.3595,
0.3040

■ 13.5612, 0.4383,
0.2820

■ 28.1326, 0.3411,
0.3124

■ 11.6170, 0.4720,
0.2786


■ 33.6888, 0.3261,
0.3206

■ 10.2491, 0.5074,
0.2789

■ 40.0848, 0.3138,
0.3283

■ 9.3914, 0.5415,
0.2839


■ 47.3535, 0.3037,
0.3354

 8.9262, 0.5697,
0.2912

 55.5262, 0.2955,
0.3420

 64.6327, 0.2887,
0.3480

 74.7013, 0.2831,
0.3535

 85.7591, 0.2785,
0.3585

Harmonies

Analogous

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



19.3953, 0.3237, 0.2610



19.3953, 0.3816, 0.2957



19.3953, 0.4208, 0.3390

Triad

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



19.3953, 0.3816, 0.2957



19.3953, 0.3508, 0.4352



19.3953, 0.2096, 0.2604

Complementary

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



19.3953, 0.3816, 0.2957



34.0752, 0.2724, 0.3660

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.



19.3953, 0.2152, 0.3035



19.3953, 0.3816, 0.2957



19.3953, 0.2939, 0.4141

Square

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



19.3953, 0.3816, 0.2957



19.3953, 0.4001, 0.4205



19.3953, 0.2448, 0.3620



19.3953, 0.2277, 0.2398

Rectangle

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



19.3953, 0.3816, 0.2957



19.3953, 0.4289, 0.3692



19.3953, 0.2448, 0.3620



19.3953, 0.2087, 0.2723

Sweetspot

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



19.3962, 0.3816, 0.2957



58.9788, 0.3278, 0.3196



18.6213, 0.2907, 0.2221



12.8617, 0.3296, 0.3186



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



19.3962, 0.3816, 0.2957



29.4650, 0.4048, 0.2889



21.5965, 0.4063, 0.3489



8.0553, 0.3239, 0.3219



6.7345, 0.5671, 0.2898



0.1974, 0.4814, 0.2425

Inverse Universe

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



19.3962, 0.3816, 0.2957



29.4650, 0.4048, 0.2889



30.2268, 0.2542, 0.3076



8.0553, 0.3239, 0.3219



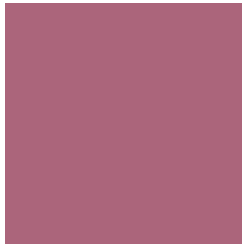
6.7345, 0.5671, 0.2898



0.1974, 0.4814, 0.2425

Previews

White Background



This preview shows how the Yxy color 19.3953, 0.3816, 0.2957 looks on a white background.

Color Contrast Check

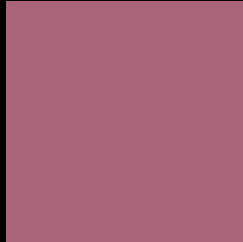
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3953, 0.3816, 0.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

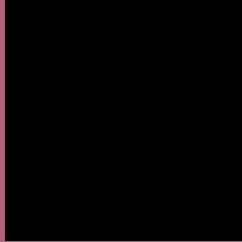
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3953, 0.3816, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 19.3953, 0.3816, 0.2957.



This preview shows how white text looks on a background with the Yxy color 19.3953, 0.3816, 0.2957.

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

19.3953, 0.3816, 0.2957

Protanopia

19.4890, 0.2972, 0.3033

Deuteranopia

19.4638, 0.3321, 0.3255



Tritanopia

19.3942, 0.3971, 0.3169

Trichromacy



Original Color

19.3953, 0.3816, 0.2957

Protanomaly

19.1623, 0.3244, 0.2994

Deuteranomaly

19.2647, 0.3495, 0.3138

Tritanomaly

19.2866, 0.3916, 0.3093

Monochromacy



Original Color

19.3953, 0.3816, 0.2957

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.6087, 0.3353, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3953, 0.3816, 0.2957 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(171, 101, 123)` looks like.

```
.text, #text, p{  
    color:rgb(171, 101, 123)  
}
```

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(171, 101, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 101, 123) }
```

Border

The CSS property to change the border of an element to Yxy 19.3953, 0.3816, 0.2957 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(171, 101, 123) }
```

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

```
.border{ border-color:rgb(171, 101, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 101, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 101, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 101, 123);  
box-shadow:4px 4px 4px 4px rgb(171, 101,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3953, 0.3816, 0.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 101, 123) }
```

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

```
.background{ background-color: rgb(171,  
101, 123) }
```

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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