

Converting Colors

$Y_{xy}(19.2251, 0.3338, 0.2719)$

Have a look what the booklet for
Yxy(19.2251, 0.3338, 0.2719)
contains.

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Color

Yxy(19.3290, 0.3338, 0.2717)

Conversions

Conversions Part 1

Format	Color
Hex	9C6A8E
RGB	156, 106, 142
RGB Percent	61%, 42%, 56%
CMY	0.3882, 0.5843, 0.4432
CMYK	0.00, 0.32, 0.09, 0.39
HSL	317°, 20%, 51%
HSV	317°, 32%, 61%
XYZ	23.7469, 19.3290, 28.0651
YIQ	125.0540, 18.2440, 21.7960

Conversions

Conversions Part 2

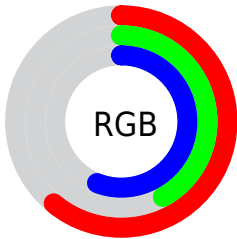
Format	Color
R_{YB}	156, 106, 142
Decimal	10250894
CIE _{Lab}	51.07, 25.82, -11.64
CIE _{LCh}	51, 28.324, 335.726
Yxy	19.3290, 0.3338, 0.2717
Android (android.graphics.Color)	4288440974 (0xFF9C6A8E)
YUV	125.0540, 8.3544, 27.1396
Hunter-Lab	43.9648, 19.4756, -7.0727

Details

The Yxy color **19.3290, 0.3338, 0.2717** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.2001, 0.2967, 0.3943**, and the grayscale version is **20.4945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.2881, 0.3289, 0.2835**, and **6.7419, 0.3411, 0.2512** is the 20% darker color. If you saturate the color by 10%, you get **16.2728, 0.3425, 0.2538**, and if you desaturate by 10%, it is **22.9771, 0.3261, 0.2900**.

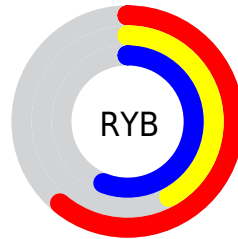
Distribution



Red (61%)

Green (42%)

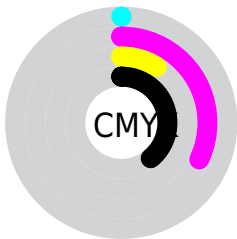
Blue (56%)



Red (61%)

Yellow (42%)

Blue (56%)

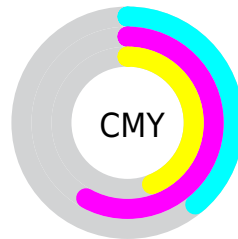


Cyan (0%)

Magenta (32%)

Yellow (9%)

Black (39%)



Cyan (39%)


Magenta (58%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3290, 0.3338, 0.2717 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 19.3290, 0.3338, 0.2717 by changing the saturation by 10% instead.


 19.3290, 0.3338,
0.2717

 19.3290, 0.3338,
0.2717


248.2591, 0.3224,
0.3031

 11.9082, 0.3370,
0.2628


 42.2893, 0.3294,
0.2839


 6.6812, 0.3413,
0.2507


 58.5976, 0.3278,
0.2882

 3.2636, 0.3474,
0.2332

 78.6373, 0.3265,
0.2918

 1.2708, 0.3566,
0.2060

 102.7926, 0.3254,
0.2948

 0.1184, 0.4117,
0.0656

131.4481, 0.3245,
0.2973

 0.0000, 0.0000,
0.0000

164.9881, 0.3237,

0.2995

203.7969, 0.3230,
0.3015

■ 19.3290, 0.3338,
0.2717

■ 19.3290, 0.3338,
0.2717

■ 16.2728, 0.3425,
0.2538

■ 22.9771, 0.3261,
0.2900

■ 13.7739, 0.3523,
0.2371

■ 27.2438, 0.3195,
0.3081

■ 11.7986, 0.3628,
0.2225


■ 32.1575, 0.3138,
0.3255


■ 10.3080, 0.3741,
0.2111


■ 37.7439, 0.3089,
0.3421

■ 9.2580, 0.3856,
0.2037

■ 44.0273, 0.3049,
0.3575


 8.5963, 0.3969,
0.2009

 51.0311, 0.3014,
0.3719

 8.2444, 0.4060,
0.2010

 58.7771, 0.2986,
0.3851

 67.2866, 0.2962,
0.3972

 76.5799, 0.2942,
0.4084

Harmonies

Analogous

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



19.3290, 0.2808, 0.2501



19.3290, 0.3338, 0.2717



19.3290, 0.3845, 0.3061

Triad

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



19.3290, 0.3338, 0.2717



19.3290, 0.3855, 0.4177



19.3290, 0.2201, 0.2970

Complementary

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



19.3290, 0.3338, 0.2717



28.2001, 0.2967, 0.3943

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.



19.3290, 0.2435, 0.3485



19.3290, 0.3338, 0.2717



19.3290, 0.3380, 0.4244

Square

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



19.3290, 0.3338, 0.2717



19.3290, 0.4147, 0.3876



19.3290, 0.2860, 0.3984



19.3290, 0.2192, 0.2609

Rectangle

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



19.3290, 0.3338, 0.2717



19.3290, 0.4080, 0.3331



19.3290, 0.2860, 0.3984



19.3290, 0.2255, 0.3130

Sweetspot

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



19.3299, 0.3338, 0.2717



51.0426, 0.3183, 0.3114



16.6551, 0.2720, 0.2409



10.9893, 0.3191, 0.3091



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



19.3299, 0.3338, 0.2717



31.2705, 0.3395, 0.2596



18.6775, 0.3670, 0.3099



6.7228, 0.3178, 0.3130



6.7963, 0.4052, 0.2006



0.1283, 0.3652, 0.1785

Inverse Universe

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



19.3299, 0.3338, 0.2717



31.2705, 0.3395, 0.2596



28.8675, 0.2770, 0.3493



6.7228, 0.3178, 0.3130



6.7963, 0.4052, 0.2006



0.1283, 0.3652, 0.1785

Previews

White Background



This preview shows how the Yxy color 19.3290, 0.3338, 0.2717 looks on a white background.

Color Contrast Check

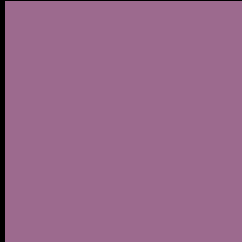
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3290, 0.3338, 0.2717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

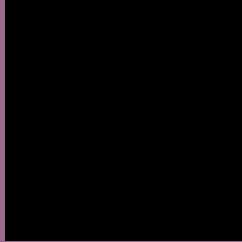
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3290, 0.3338, 0.2717

Background



This preview shows how black text looks on a background with the Yxy color 19.3290, 0.3338, 0.2717.



This preview shows how white text looks on a background with the Yxy color 19.3290, 0.3338, 0.2717.

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

19.3290, 0.3338, 0.2717

Protanopia

19.5192, 0.2723, 0.2733

Deuteranopia

19.4471, 0.2964, 0.2913



Tritanopia

19.2561, 0.3595, 0.3141

Trichromacy



Original Color

19.3290, 0.3338, 0.2717

Protanomaly

19.2960, 0.2924, 0.2733

Deuteranomaly

19.1920, 0.3086, 0.2824

Tritanomaly

19.3396, 0.3503, 0.2994

Monochromacy



Original Color

19.3290, 0.3338, 0.2717

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.8298, 0.3201, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3290, 0.3338, 0.2717 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(156, 106, 142)` looks like.

```
.text, #text, p{  
    color:rgb(156, 106, 142)  
}
```

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(156, 106, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 106, 142) }
```

Border

The CSS property to change the border of an element to Yxy 19.3290, 0.3338, 0.2717 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(156, 106, 142) }
```

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

```
.border{ border-color:rgb(156, 106, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 106, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 106, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 106, 142);  
box-shadow:4px 4px 4px 4px rgb(156, 106,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3290, 0.3338, 0.2717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 106, 142) }
```

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

```
.background{ background-color: rgb(156,  
106, 142) }
```

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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