

Converting Colors

$Y_{xy}(10.9989, 0.3693, 0.2643)$

Have a look what the booklet for
Yxy(10.9989, 0.3693, 0.2643)
contains.

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Color

Yxy(10.9713, 0.3701, 0.2639)

Conversions

Conversions Part 1

Format	Color
Hex	8A476B
RGB	138, 71, 107
RGB Percent	54%, 28%, 42%
CMY	0.4589, 0.7215, 0.5804
CMYK	0.00, 0.49, 0.22, 0.46
HSL	328°, 32%, 41%
HSV	328°, 49%, 54%
XYZ	15.3864, 10.9713, 15.2160
YIQ	95.1370, 28.3760, 25.4000

Conversions

Conversions Part 2

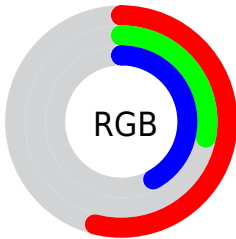
Format	Color
R_{YB}	138, 71, 107
Decimal	9062251
CIE _{Lab}	39.53, 33.14, -8.04
CIE _{LCh}	40, 34.101, 346.360
Yxy	10.9713, 0.3701, 0.2639
Android (android.graphics.Color)	4287252331 (0xFF8A476B)
YUV	95.1370, 5.8485, 37.5909
Hunter-Lab	33.1230, 24.9525, -4.0505

Details

The Yxy color **10.9713, 0.3701, 0.2639** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20.4723, 0.2798, 0.4067**, and the grayscale version is **11.4596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.4808, 0.3561, 0.2796**, and **2.8785, 0.3988, 0.2323** is the 20% darker color. If you saturate the color by 10%, you get **9.2817, 0.3879, 0.2521**, and if you desaturate by 10%, it is **13.0705, 0.3544, 0.2771**.

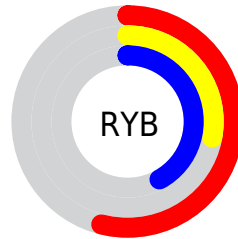
Distribution



Red (54%)

Green (28%)

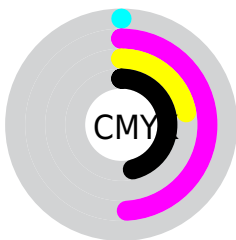
Blue (42%)



Red (54%)

Yellow (28%)

Blue (42%)

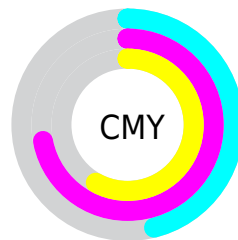


Cyan (0%)

Magenta (49%)

Yellow (22%)

Black (46%)



Cyan (46%)


Magenta (72%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9713, 0.3701, 0.2639 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 10.9713, 0.3701, 0.2639 by changing the saturation by 10% instead.


 10.9713, 0.3701,
0.2639

 10.9713, 0.3701,
0.2639


197.4705, 0.3355,
0.3025


 6.0475, 0.3817,
0.2515


 27.6071, 0.3556,
0.2798

 2.8740, 0.3990,
0.2333

 40.0879, 0.3508,
0.2851

 1.0663, 0.4277,
0.2043

 55.8565, 0.3470,
0.2894

 0.0000, 0.6003,
0.0000

 75.2973, 0.3439,
0.2930

 0.0000, 0.0000,
0.0000

 98.7948, 0.3412,
0.2959

126.7332, 0.3390,

0.2984

159.4970, 0.3371,
0.3006

■ 10.9713, 0.3701,
0.2639

■ 10.9713, 0.3701,
0.2639

■ 9.2817, 0.3879,
0.2521

■ 13.0705, 0.3544,
0.2771

■ 7.9726, 0.4077,
0.2428

■ 15.6027, 0.3409,
0.2910

■ 7.0134, 0.4289,
0.2371

■ 18.5913, 0.3294,
0.3048

■ 6.3683, 0.4506,
0.2359

■ 22.0578, 0.3197,
0.3181

■ 5.9550, 0.4723,
0.2389

■ 26.0220, 0.3116,
0.3308

■ 5.8984, 0.4756,
0.2394

■ 30.5029, 0.3049,
0.3427

■ 35.5182, 0.2993,
0.3537

■ 41.0850, 0.2946,
0.3639

■ 47.2195, 0.2907,
0.3732

Harmonies

Analogous

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



10.9713, 0.2912, 0.2283



10.9713, 0.3701, 0.2639



10.9713, 0.4378, 0.3136

Triad

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



10.9713, 0.3701, 0.2639



10.9713, 0.3908, 0.4649



10.9713, 0.1804, 0.2589

Complementary

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



10.9713, 0.3701, 0.2639



20.4723, 0.2798, 0.4067

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.



10.9713, 0.1997, 0.3266



10.9713, 0.3701, 0.2639



10.9713, 0.3185, 0.4645

Square

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



10.9713, 0.3701, 0.2639



10.9713, 0.4459, 0.4248



10.9713, 0.2486, 0.4090



10.9713, 0.1901, 0.2215

Rectangle

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



10.9713, 0.3701, 0.2639



10.9713, 0.4618, 0.3507



10.9713, 0.2486, 0.4090



10.9713, 0.1835, 0.2783

Sweetspot

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



10.9718, 0.3701, 0.2639



34.6488, 0.3261, 0.3091



9.1183, 0.2629, 0.1961



7.5321, 0.3279, 0.3067



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



10.9718, 0.3701, 0.2639



16.1801, 0.3893, 0.2514



10.4096, 0.4341, 0.3232



5.0906, 0.3203, 0.3173



5.4121, 0.4749, 0.2390



0.0389, 0.3946, 0.1948

Inverse Universe

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



10.9718, 0.3701, 0.2639



16.1801, 0.3893, 0.2514



21.2521, 0.2532, 0.3356



5.0906, 0.3203, 0.3173



5.4121, 0.4749, 0.2390



0.0389, 0.3946, 0.1948

Previews

White Background



This preview shows how the Yxy color 10.9713, 0.3701, 0.2639 looks on a white background.

Color Contrast Check

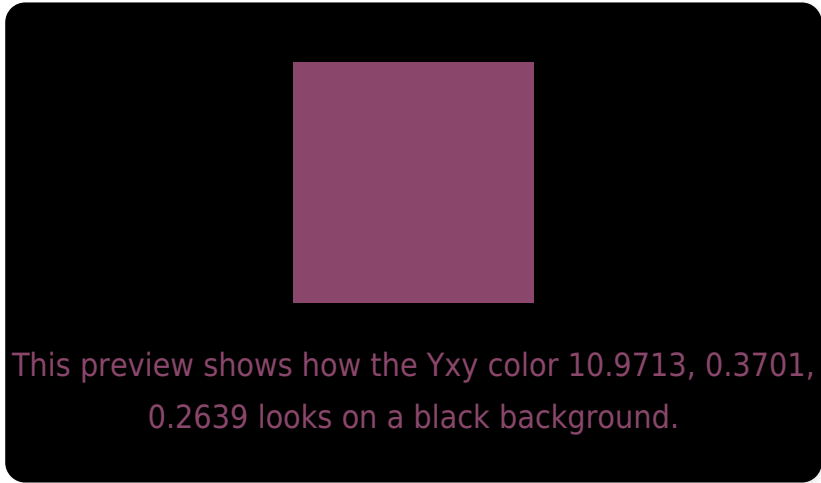
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

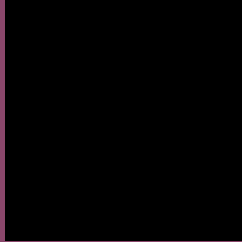
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9713, 0.3701, 0.2639

Background



This preview shows how black text looks on a background with the Yxy color 10.9713, 0.3701, 0.2639.



This preview shows how white text looks on a background with the Yxy color 10.9713, 0.3701, 0.2639.

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

10.9713, 0.3701, 0.2639

Protanopia

11.2123, 0.2653, 0.2641

Deuteranopia

11.0783, 0.3048, 0.2994



Tritanopia

10.9290, 0.4101, 0.3179

Trichromacy



Original Color

10.9713, 0.3701, 0.2639

Protanomaly

10.7846, 0.2972, 0.2609

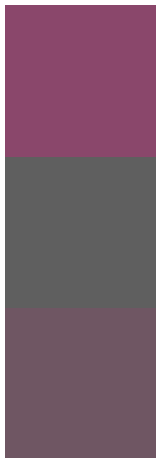
Deuteranomaly

10.8713, 0.3280, 0.2846

Tritanomaly

10.8871, 0.3958, 0.2974

Monochromacy



Original Color

10.9713, 0.3701, 0.2639

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

10.9359, 0.3339, 0.3009

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9713, 0.3701, 0.2639 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(138, 71, 107)` looks like.

```
.text, #text, p{  
  color:rgb(138, 71, 107)  
}
```

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(138, 71, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 71, 107) }
```

Border

The CSS property to change the border of an element to Yxy 10.9713, 0.3701, 0.2639 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(138, 71, 107) }
```

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

```
.border{ border-color:rgb(138, 71, 107) }
```

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

Here you see how a box with a 4 pixel rgb(138, 71, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 71, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 71, 107);  
box-shadow:4px 4px 4px 4px rgb(138, 71,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9713, 0.3701, 0.2639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 71, 107) }
```

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

```
.background{ background-color: rgb(138, 71,  
107) }
```

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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