

Converting Colors

$Y_{xy}(10.9684, 0.3426, 0.2630)$

Have a look what the booklet for
Yxy(10.9684, 0.3426, 0.2630)
contains.

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Color

Yxy(10.9675, 0.3428, 0.2633)

Conversions

Conversions Part 1

Format	Color
Hex	7F4D6F
RGB	127, 77, 111
RGB Percent	50%, 30%, 44%
CMY	0.5019, 0.6981, 0.5646
CMYK	0.00, 0.39, 0.13, 0.50
HSL	319°, 25%, 40%
HSV	319°, 39%, 50%
XYZ	14.2790, 10.9675, 16.4075
YIQ	95.8260, 18.8860, 21.1740

Conversions

Conversions Part 2

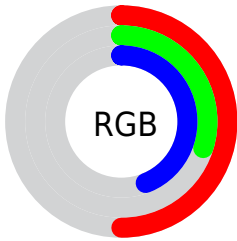
Format	Color
R_{YB}	127, 77, 111
Decimal	8342895
CIE _{Lab}	39.53, 26.47, -10.69
CIE _{LCh}	40, 28.545, 337.997
Yxy	10.9675, 0.3428, 0.2633
Android (android.graphics.Color)	4286532975 (0xFF7F4D6F)
YUV	95.8260, 7.4808, 27.3396
Hunter-Lab	33.1172, 19.0079, -6.1924

Details

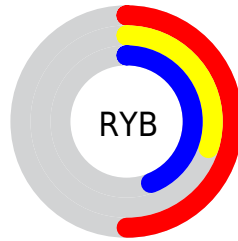
The Yxy color **10.9675, 0.3428, 0.2633** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.5530, 0.2919, 0.4058**, and the grayscale version is **11.6313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6468, 0.3355, 0.2789**, and **2.8652, 0.3592, 0.2328** is the 20% darker color. If you saturate the color by 10%, you get **9.2735, 0.3533, 0.2472**, and if you desaturate by 10%, it is **13.0138, 0.3335, 0.2802**.

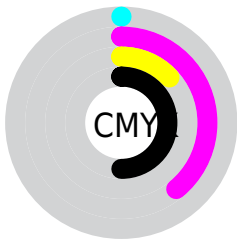
Distribution



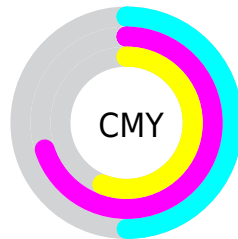
- Red (50%)
- Green (30%)
- Blue (44%)



- Red (50%)
- Yellow (30%)
- Blue (44%)



- Cyan (0%)
- Magenta (39%)
- Yellow (13%)
- Black (50%)





- Cyan (50%)
- Magenta (70%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9675, 0.3428, 0.2633 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 10.9675, 0.3428, 0.2633 by changing the saturation by 10% instead.


 10.9675, 0.3428,
0.2633


 10.9675, 0.3428,
0.2633


197.4444, 0.3251,
0.3021


 6.0450, 0.3485,
0.2508


 27.6001, 0.3355,
0.2792


 2.8725, 0.3568,
0.2327

 40.0789, 0.3331,
0.2846


 1.0655, 0.3699,
0.2038

 55.8453, 0.3311,
0.2890

 0.0000, 0.4633,
0.0000

 75.2836, 0.3294,
0.2925

 0.0000, 0.0000,
0.0000

 98.7783, 0.3281,
0.2955

126.7138, 0.3269,

0.2980

159.4743, 0.3259,
0.3002

■ 10.9675, 0.3428,
0.2633

■ 10.9675, 0.3428,
0.2633

■ 9.2735, 0.3533,
0.2472

■ 13.0138, 0.3335,
0.2802

■ 7.9098, 0.3650,
0.2327

■ 15.4294, 0.3253,
0.2973

■ 6.8546, 0.3776,
0.2208


■ 18.2324, 0.3183,
0.3140


■ 6.0825, 0.3908,
0.2125


■ 21.4390, 0.3124,
0.3299


■ 5.5642, 0.4041,
0.2086

■ 25.0645, 0.3073,
0.3450

 5.2128, 0.4175,
0.2079

 29.1235, 0.3031,
0.3591

 5.1921, 0.4184,
0.2079

 33.6298, 0.2995,
0.3721

 38.5966, 0.2966,
0.3842

 44.0365, 0.2941,
0.3952

Harmonies

Analogous

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



10.9675, 0.2782, 0.2366



10.9675, 0.3428, 0.2633



10.9675, 0.4041, 0.3042

Triad

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



10.9675, 0.3428, 0.2633



10.9675, 0.3956, 0.4376



10.9675, 0.2013, 0.2847

Complementary

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



10.9675, 0.3428, 0.2633



17.5530, 0.2919, 0.4058

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.



10.9675, 0.2262, 0.3470



10.9675, 0.3428, 0.2633



10.9675, 0.3370, 0.4457

Square

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



10.9675, 0.3428, 0.2633



10.9675, 0.4341, 0.4006



10.9675, 0.2750, 0.4112



10.9675, 0.2025, 0.2443

Rectangle

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



10.9675, 0.3428, 0.2633



10.9675, 0.4313, 0.3360



10.9675, 0.2750, 0.4112



10.9675, 0.2067, 0.3036

Sweetspot

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



10.9680, 0.3428, 0.2633



31.1112, 0.3202, 0.3092



9.1574, 0.2652, 0.2211



7.1592, 0.3210, 0.3075



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



10.9680, 0.3428, 0.2633



16.9523, 0.3519, 0.2492



10.4945, 0.3879, 0.3108



4.3897, 0.3181, 0.3144



5.2338, 0.4184, 0.2079



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.9680, 0.3428, 0.2633



16.9523, 0.3519, 0.2492



18.0672, 0.2685, 0.3486



4.3897, 0.3181, 0.3144



5.2338, 0.4184, 0.2079



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 10.9675, 0.3428, 0.2633 looks on a white background.

Color Contrast Check

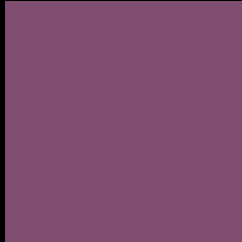
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 10.9675, 0.3428, 0.2633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

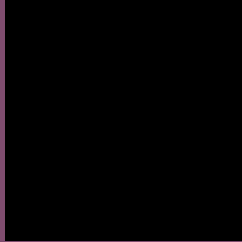
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9675, 0.3428, 0.2633

Background



This preview shows how black text looks on a background with the Yxy color 10.9675, 0.3428, 0.2633.



This preview shows how white text looks on a background with the Yxy color 10.9675, 0.3428, 0.2633.

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

10.9675, 0.3428, 0.2633

Protanopia

11.0379, 0.2651, 0.2618

Deuteranopia

10.9978, 0.2948, 0.2903



Tritanopia

11.0243, 0.3763, 0.3169

Trichromacy



Original Color

10.9675, 0.3428, 0.2633

Protanomaly

10.8911, 0.2899, 0.2622

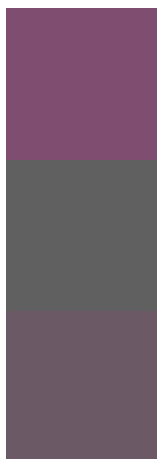
Deuteranomaly

10.8855, 0.3119, 0.2794

Tritanomaly

10.9418, 0.3647, 0.2969

Monochromacy



Original Color

10.9675, 0.3428, 0.2633

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.2101, 0.3236, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9675, 0.3428, 0.2633 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(127, 77, 111)` looks like.

```
.text, #text, p{  
    color:rgb(127, 77, 111)  
}
```

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(127, 77, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 77, 111) }
```

Border

The CSS property to change the border of an element to Yxy 10.9675, 0.3428, 0.2633 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(127, 77, 111) }
```

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

```
.border{ border-color:rgb(127, 77, 111) }
```

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

Here you see how a box with a 4 pixel rgb(127, 77, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 77, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 77, 111);  
box-shadow:4px 4px 4px 4px rgb(127, 77,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9675, 0.3428, 0.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 77, 111) }
```

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

```
.background{ background-color: rgb(127, 77,  
111) }
```

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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