

Converting Colors

$Y_{xy}(13.5925, 0.3868, 0.2775)$

Have a look what the booklet for
Yxy(13.5925, 0.3868, 0.2775)
contains.

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Color

Yxy(13.5878, 0.3872, 0.2779)

Conversions

Conversions Part 1

Format	Color
Hex	9A4F6E
RGB	154, 79, 110
RGB Percent	60%, 31%, 43%
CMY	0.3962, 0.6901, 0.5687
CMYK	0.00, 0.49, 0.29, 0.40
HSL	335°, 32%, 46%
HSV	335°, 49%, 60%
XYZ	18.9320, 13.5878, 16.3748
YIQ	104.9590, 34.7490, 25.5410

Conversions

Conversions Part 2

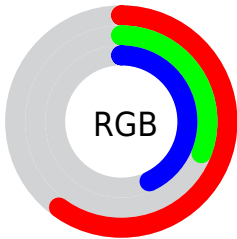
Format	Color
R_{YB}	154, 79, 110
Decimal	10112878
CIE _{Lab}	43.64, 34.95, -3.54
CIE _{LCh}	44, 35.132, 354.222
Yxy	13.5878, 0.3872, 0.2779
Android (android.graphics.Color)	4288302958 (0xFF9A4F6E)
YUV	104.9590, 2.4852, 43.0090
Hunter-Lab	36.8616, 27.1690, -0.5348

Details

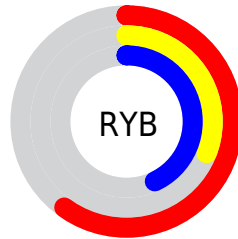
The Yxy color **13.5878, 0.3872, 0.2779** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **26.1940, 0.2724, 0.3888**, and the grayscale version is **14.1024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.2755, 0.3681, 0.2892**, and **3.9968, 0.4204, 0.2539** is the 20% darker color. If you saturate the color by 10%, you get **11.4309, 0.4113, 0.2690**, and if you desaturate by 10%, it is **16.2806, 0.3663, 0.2882**.

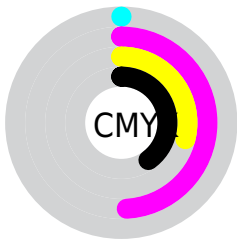
Distribution



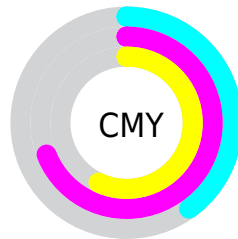
- Red (60%)
- Green (31%)
- Blue (43%)



- Red (60%)
- Yellow (31%)
- Blue (43%)



- Cyan (0%)
- Magenta (49%)
- Yellow (29%)
- Black (40%)




- Cyan (40%)
- Magenta (69%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.5878, 0.3872, 0.2779 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 13.5878, 0.3872, 0.2779 by changing the saturation by 10% instead.


 13.5878, 0.3872,
0.2779


 13.5878, 0.3872,
0.2779


214.6512, 0.3429,
0.3079


 7.8345, 0.4016,
0.2684


 32.3558, 0.3689,
0.2901


 3.9893, 0.4229,
0.2546

 46.1394, 0.3627,
0.2943


 1.6676, 0.4572,
0.2329

 63.3685, 0.3578,
0.2977

 0.4025, 0.5445,
0.1685

 84.4276, 0.3537,
0.3004

 0.0000, 1.0000,
0.0000

 109.7010, 0.3503,
0.3028

 0.0000, 0.0000,
0.0000

139.5731, 0.3475,

0.3047

174.4284, 0.3450,
0.3064

■ 13.5878, 0.3872,
0.2779

■ 13.5878, 0.3872,
0.2779

■ 11.4309, 0.4113,
0.2690

■ 16.2806, 0.3663,
0.2882

■ 9.7713, 0.4383,
0.2625

■ 19.5404, 0.3486,
0.2991

■ 8.5684, 0.4673,
0.2597

■ 23.3983, 0.3339,
0.3099


■ 7.7740, 0.4968,
0.2617


■ 27.8826, 0.3216,
0.3204


■ 7.2908, 0.5252,
0.2679


■ 33.0198, 0.3115,
0.3303

 7.2327, 0.5290,
0.2688

 38.8348, 0.3031,
0.3395

 45.3511, 0.2963,
0.3479

 52.5913, 0.2906,
0.3557

 60.5768, 0.2859,
0.3629

Harmonies

Analogous

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



13.5878, 0.3115, 0.2390



13.5878, 0.3872, 0.2779



13.5878, 0.4441, 0.3285

Triad

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



13.5878, 0.3872, 0.2779



13.5878, 0.3710, 0.4641



13.5878, 0.1847, 0.2494

Complementary

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



13.5878, 0.3872, 0.2779



26.1940, 0.2724, 0.3888

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.



13.5878, 0.1961, 0.3076



13.5878, 0.3872, 0.2779



13.5878, 0.3001, 0.4492

Square

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



13.5878, 0.3872, 0.2779



13.5878, 0.4299, 0.4341



13.5878, 0.2364, 0.3856



13.5878, 0.2012, 0.2207

Rectangle

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



13.5878, 0.3872, 0.2779



13.5878, 0.4593, 0.3651



13.5878, 0.2364, 0.3856



13.5878, 0.1853, 0.2656

Sweetspot

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



13.5885, 0.3872, 0.2779



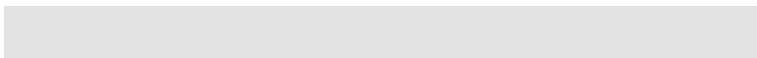
43.8809, 0.3294, 0.3135



12.1200, 0.2752, 0.1990



9.3652, 0.3319, 0.3115



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.



13.5885, 0.3872, 0.2779



20.0419, 0.4125, 0.2686



13.9718, 0.4378, 0.3397



6.2629, 0.3222, 0.3198



5.9022, 0.5271, 0.2677



0.0952, 0.4287, 0.2135

Inverse Universe

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



13.5885, 0.3872, 0.2779



20.0419, 0.4125, 0.2686



25.0883, 0.2480, 0.3173



6.2629, 0.3222, 0.3198



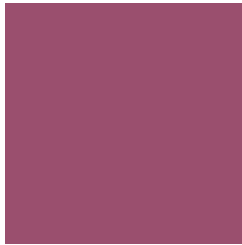
5.9022, 0.5271, 0.2677



0.0952, 0.4287, 0.2135

Previews

White Background



This preview shows how the Yxy color 13.5878, 0.3872, 0.2779 looks on a white background.

Color Contrast Check

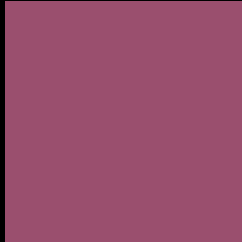
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.5878, 0.3872, 0.2779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

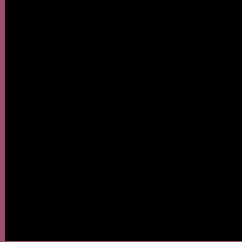
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.5878, 0.3872, 0.2779

Background



This preview shows how black text looks on a background with the Yxy color 13.5878, 0.3872, 0.2779.



This preview shows how white text looks on a background with the Yxy color 13.5878, 0.3872, 0.2779.

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

13.5878, 0.3872, 0.2779

Protanopia

13.8338, 0.2802, 0.2830

Deuteranopia

13.5997, 0.3221, 0.3165



Tritanopia

13.5832, 0.4193, 0.3191

Trichromacy



Original Color

13.5878, 0.3872, 0.2779

Protanomaly

13.2834, 0.3136, 0.2777

Deuteranomaly

13.2279, 0.3453, 0.2998

Tritanomaly

13.6700, 0.4073, 0.3040

Monochromacy



Original Color

13.5878, 0.3872, 0.2779

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.6382, 0.3380, 0.3072

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.5878, 0.3872, 0.2779 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(154, 79, 110)` looks like.

```
.text, #text, p{  
    color:rgb(154, 79, 110)  
}
```

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(154, 79, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 79, 110) }
```

Border

The CSS property to change the border of an element to Yxy 13.5878, 0.3872, 0.2779 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(154, 79, 110) }
```

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

```
.border{ border-color:rgb(154, 79, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 79, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 79, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 79, 110);  
box-shadow:4px 4px 4px 4px rgb(154, 79,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 13.5878, 0.3872, 0.2779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 79, 110) }
```

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

```
.background{ background-color: rgb(154, 79,  
110) }
```

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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