

Converting Colors

$Y_{xy}(10.8080, 0.4139, 0.2660)$

Have a look what the booklet for
Yxy(10.8080, 0.4139, 0.2660)
contains.

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Color

Yxy(10.8080, 0.4139, 0.2660)

Conversions

Conversions Part 1

Format	Color
Hex	983C63
RGB	152, 60, 99
RGB Percent	60%, 24%, 39%
CMY	0.4039, 0.7647, 0.6117
CMYK	0.00, 0.61, 0.35, 0.40
HSL	335°, 43%, 42%
HSV	335°, 61%, 60%
XYZ	16.8174, 10.8080, 13.0062
YIQ	91.9540, 42.3130, 31.6330

Conversions

Conversions Part 2

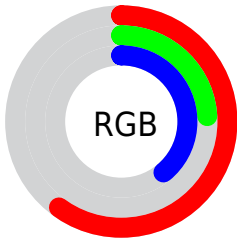
Format	Color
R_{YB}	152, 60, 99
Decimal	9976931
CIE _{Lab}	39.26, 42.53, -3.23
CIE _{LCh}	39, 42.654, 355.657
Yxy	10.8080, 0.4139, 0.2660
Android (android.graphics.Color)	4288167011 (0xFF983C63)
YUV	91.9540, 3.4737, 52.6603
Hunter-Lab	32.8755, 33.7792, -0.4434

Details

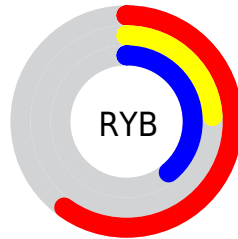
The Yxy color **10.8080, 0.4139, 0.2660** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **24.6099, 0.2670, 0.4088**, and the grayscale version is **10.6764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.3457, 0.3872, 0.2817**, and **2.7984, 0.4649, 0.2335** is the 20% darker color. If you saturate the color by 10%, you get **9.2798, 0.4407, 0.2599**, and if you desaturate by 10%, it is **12.8130, 0.3898, 0.2748**.

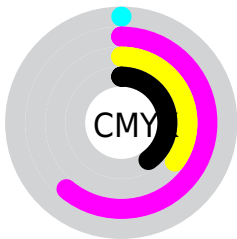
Distribution



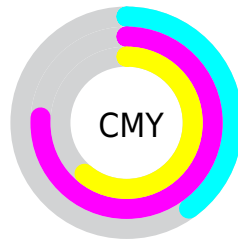
- Red (60%)
- Green (24%)
- Blue (39%)



- Red (60%)
- Yellow (24%)
- Blue (39%)



- Cyan (0%)
- Magenta (61%)
- Yellow (35%)
- Black (40%)





- Cyan (40%)
- Magenta (76%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.8080, 0.4139, 0.2660 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 10.8080, 0.4139, 0.2660 by changing the saturation by 10% instead.


 10.8080, 0.4139,
0.2660


 10.8080, 0.4139,
0.2660


196.3455, 0.3520,
0.3040


 5.9379, 0.4351,
0.2533


 27.3046, 0.3877,
0.2819


 2.8073, 0.4673,
0.2345

 39.6998, 0.3791,
0.2872


 1.0320, 0.5211,
0.2038

 55.3722, 0.3722,
0.2914

 0.0000, 0.8765,
0.0000

 74.7062, 0.3667,
0.2948

 0.0000, 0.0000,
0.0000

 98.0861, 0.3621,
0.2977

 125.8964, 0.3582,

0.3001

158.5214, 0.3548,
0.3022

■ 10.8080, 0.4139,
0.2660

■ 10.8080, 0.4139,
0.2660

■ 9.2798, 0.4407,
0.2599

■ 12.8130, 0.3898,
0.2748

■ 8.1857, 0.4692,
0.2577

■ 15.3291, 0.3688,
0.2852

■ 7.4782, 0.4979,
0.2603

■ 18.3897, 0.3509,
0.2963

■ 7.0508, 0.5244,
0.2662

■ 22.0246, 0.3360,
0.3074

■ 26.2615, 0.3235,
0.3182

■ 31.1264, 0.3132,
0.3285

■ 36.6435, 0.3047,
0.3380

■ 42.8360, 0.2977,
0.3469

■ 49.7258, 0.2919,
0.3550

Harmonies

Analogous

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



10.8080, 0.3141, 0.2185



10.8080, 0.4139, 0.2660



10.8080, 0.4867, 0.3268

Triad

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



10.8080, 0.4139, 0.2660



10.8080, 0.3774, 0.5058



10.8080, 0.1538, 0.2228

Complementary

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



10.8080, 0.4139, 0.2660



24.6099, 0.2670, 0.4088

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.



10.8080, 0.1642, 0.2930



10.8080, 0.4139, 0.2660



10.8080, 0.2879, 0.4895

Square

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



10.8080, 0.4139, 0.2660



10.8080, 0.4552, 0.4599



10.8080, 0.2100, 0.3986



10.8080, 0.1752, 0.1920

Rectangle

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



10.8080, 0.4139, 0.2660



10.8080, 0.5022, 0.3709



10.8080, 0.2100, 0.3986



10.8080, 0.1536, 0.2414

Sweetspot

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



10.8086, 0.4139, 0.2660



40.4092, 0.3330, 0.3098



8.9527, 0.2607, 0.1669



8.7517, 0.3367, 0.3068



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.



10.8086, 0.4139, 0.2660



15.5403, 0.4517, 0.2585



10.9142, 0.4884, 0.3391



6.2640, 0.3221, 0.3196



5.9178, 0.5227, 0.2653



0.0955, 0.4256, 0.2118

Inverse Universe

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



10.8086, 0.4139, 0.2660



15.5403, 0.4517, 0.2585



23.7450, 0.2376, 0.3171



6.2640, 0.3221, 0.3196



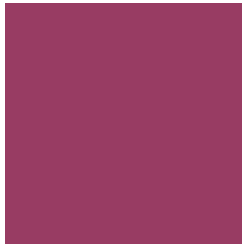
5.9178, 0.5227, 0.2653



0.0955, 0.4256, 0.2118

Previews

White Background



This preview shows how the Yxy color 10.8080, 0.4139, 0.2660 looks on a white background.

Color Contrast Check

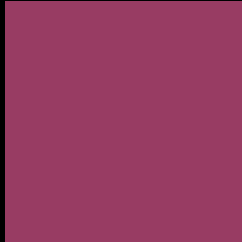
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.8080, 0.4139, 0.2660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

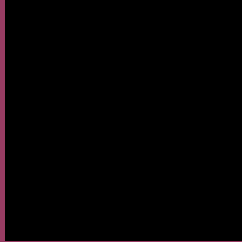
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.8080, 0.4139, 0.2660

Background



This preview shows how black text looks on a background with the Yxy color 10.8080, 0.4139, 0.2660.



This preview shows how white text looks on a background with the Yxy color 10.8080, 0.4139, 0.2660.

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

10.8080, 0.4139, 0.2660

Protanopia

10.9888, 0.2673, 0.2657

Deuteranopia

10.9453, 0.3261, 0.3199



Tritanopia

10.8354, 0.4644, 0.3213

Trichromacy



Original Color

10.8080, 0.4139, 0.2660

Protanomaly

10.2222, 0.3126, 0.2614

Deuteranomaly

10.4296, 0.3565, 0.2938

Tritanomaly

10.8402, 0.4473, 0.3015

Monochromacy



Original Color

10.8080, 0.4139, 0.2660

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.1410, 0.3475, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8080, 0.4139, 0.2660 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(152, 60, 99)` looks like.

```
.text, #text, p{  
  color:rgb(152, 60, 99)  
}
```

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(152, 60, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 60, 99) }
```

Border

The CSS property to change the border of an element to Yxy 10.8080, 0.4139, 0.2660 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(152, 60, 99) }
```

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

```
.border{ border-color:rgb(152, 60, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 60, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 60, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 60, 99);  
box-shadow:4px 4px 4px 4px rgb(152, 60,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 10.8080, 0.4139, 0.2660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 60, 99) }
```

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

```
.background{ background-color: rgb(152, 60,  
99) }
```

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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