

Converting Colors

$Y_{xy}(11.5071, 0.4142, 0.2640)$

Have a look what the booklet for
Yxy(11.5071, 0.4142, 0.2640)
contains.

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Color

Yxy(11.4849, 0.4133, 0.2634)

Conversions

Conversions Part 1

Format	Color
Hex	9D3D67
RGB	157, 61, 103
RGB Percent	62%, 24%, 40%
CMY	0.3843, 0.7607, 0.5961
CMYK	0.00, 0.61, 0.34, 0.38
HSL	334°, 44%, 43%
HSV	334°, 61%, 62%
XYZ	18.0209, 11.4849, 14.0967
YIQ	94.4920, 43.7340, 33.4140

Conversions

Conversions Part 2

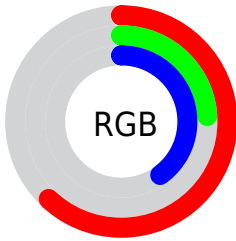
Format	Color
R_{YB}	157, 61, 103
Decimal	10304871
CIE _{Lab}	40.39, 44.20, -3.96
CIE _{LCh}	40, 44.379, 354.880
Yxy	11.4849, 0.4133, 0.2634
Android (android.graphics.Color)	4288494951 (0xFF9D3D67)
YUV	94.4920, 4.1944, 54.8195
Hunter-Lab	33.8894, 35.6122, -0.9398

Details

The Yxy color **11.4849, 0.4133, 0.2634** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **26.3438, 0.2675, 0.4127**, and the grayscale version is **11.2990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.4395, 0.3874, 0.2791**, and **3.1103, 0.4650, 0.2335** is the 20% darker color. If you saturate the color by 10%, you get **9.8794, 0.4396, 0.2572**, and if you desaturate by 10%, it is **13.6010, 0.3896, 0.2724**.

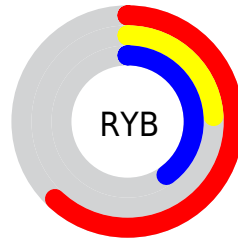
Distribution



Red (62%)

Green (24%)

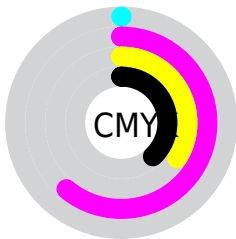
Blue (40%)



Red (62%)

Yellow (24%)

Blue (40%)

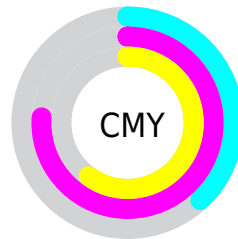


Cyan (0%)

Magenta (61%)

Yellow (34%)

Black (38%)



Cyan (38%)


Magenta (76%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4849, 0.4133, 0.2634 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 11.4849, 0.4133, 0.2634 by changing the saturation by 10% instead.


 11.4849, 0.4133,
0.2634


 11.4849, 0.4133,
0.2634


200.9647, 0.3523,
0.3025

 6.3940, 0.4338,
0.2507


 28.5534, 0.3877,
0.2796


 3.0861, 0.4644,
0.2320

 41.2998, 0.3793,
0.2850

 1.1768, 0.5148,
0.2023

 57.3668, 0.3725,
0.2894

 0.0427, 0.7588,
0.0281

 77.1388, 0.3670,
0.2929

 0.0000, 1.0000,
0.0000

 101.0002, 0.3624,
0.2959

 0.0000, 0.0000,
0.0000

129.3354, 0.3585,

0.2985

162.5287, 0.3552,
0.3006

■ 11.4849, 0.4133,
0.2634

■ 11.4849, 0.4133,
0.2634

■ 9.8794, 0.4396,
0.2572

■ 13.6010, 0.3896,
0.2724

■ 8.7379, 0.4674,
0.2551

■ 16.2654, 0.3689,
0.2831

■ 8.0082, 0.4953,
0.2579

■ 19.5141, 0.3512,
0.2945

■ 7.5934, 0.5195,
0.2635

■ 23.3797, 0.3364,
0.3060

■ 27.8923, 0.3240,
0.3172

■ 33.0799, 0.3138,
0.3278

■ 38.9692, 0.3053,
0.3378

■ 45.5850, 0.2983,
0.3470

■ 52.9512, 0.2926,
0.3554

Harmonies

Analogous

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



11.4849, 0.3114, 0.2158



11.4849, 0.4133, 0.2634



11.4849, 0.4888, 0.3247

Triad

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



11.4849, 0.4133, 0.2634



11.4849, 0.3802, 0.5084



11.4849, 0.1513, 0.2221

Complementary

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



11.4849, 0.4133, 0.2634



26.3438, 0.2675, 0.4127

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.



11.4849, 0.1625, 0.2944



11.4849, 0.4133, 0.2634



11.4849, 0.2894, 0.4947

Square

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



11.4849, 0.4133, 0.2634



11.4849, 0.4589, 0.4599



11.4849, 0.2097, 0.4030



11.4849, 0.1721, 0.1902

Rectangle

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



11.4849, 0.4133, 0.2634



11.4849, 0.5055, 0.3692



11.4849, 0.2097, 0.4030



11.4849, 0.1514, 0.2413

Sweetspot

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



11.4855, 0.4133, 0.2634



44.0106, 0.3327, 0.3092



9.3370, 0.2577, 0.1640



9.2255, 0.3363, 0.3061



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.



11.4855, 0.4133, 0.2634



16.9386, 0.4486, 0.2560



11.3790, 0.4937, 0.3367



6.6919, 0.3219, 0.3193



6.1746, 0.5176, 0.2625



0.1188, 0.4262, 0.2121

Inverse Universe

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



11.4855, 0.4133, 0.2634



16.9386, 0.4486, 0.2560



25.9476, 0.2376, 0.3199



6.6919, 0.3219, 0.3193



6.1746, 0.5176, 0.2625



0.1188, 0.4262, 0.2121

Previews

White Background



This preview shows how the Yxy color 11.4849, 0.4133, 0.2634 looks on a white background.

Color Contrast Check

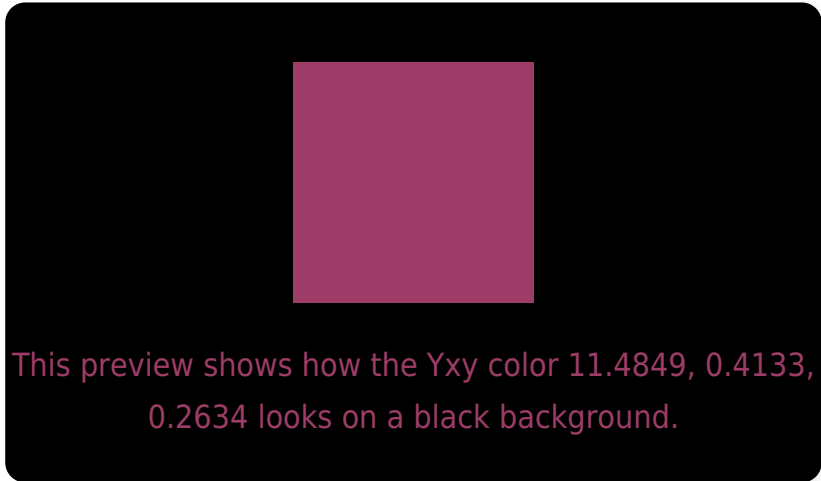
Large Text (above 18pt) WCAG AA ✓ Pass

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

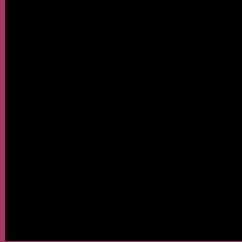
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4849, 0.4133, 0.2634

Background



This preview shows how black text looks on a background with the Yxy color 11.4849, 0.4133, 0.2634.



This preview shows how white text looks on a background with the Yxy color 11.4849, 0.4133, 0.2634.

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

11.4849, 0.4133, 0.2634

Protanopia

11.7398, 0.2650, 0.2632

Deuteranopia

11.6536, 0.3226, 0.3179



Tritanopia

11.5707, 0.4679, 0.3231

Trichromacy



Original Color

11.4849, 0.4133, 0.2634

Protanomaly

10.9816, 0.3096, 0.2593

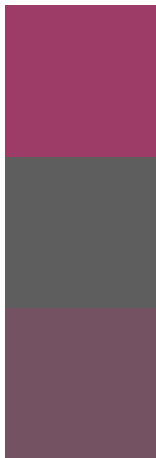
Deuteranomaly

11.0159, 0.3538, 0.2906

Tritanomaly

11.4730, 0.4501, 0.3009

Monochromacy



Original Color

11.4849, 0.4133, 0.2634

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.6796, 0.3485, 0.2975

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4849, 0.4133, 0.2634 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(157, 61, 103)` looks like.

```
.text, #text, p{  
    color:rgb(157, 61, 103)  
}
```

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(157, 61, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 61, 103) }
```

Border

The CSS property to change the border of an element to Yxy 11.4849, 0.4133, 0.2634 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(157, 61, 103) }
```

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

```
.border{ border-color:rgb(157, 61, 103) }
```

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

Here you see how a box with a 4 pixel rgb(157, 61, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 61, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 61, 103);  
box-shadow:4px 4px 4px 4px rgb(157, 61,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4849, 0.4133, 0.2634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 61, 103) }
```

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

```
.background{ background-color: rgb(157, 61,  
103) }
```

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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