

Converting Colors

$Y_{xy}(15.9582, 0.3359, 0.2750)$

Have a look what the booklet for
Yxy(15.9582, 0.3359, 0.2750)
contains.

Yxy(15.9475, 0.3367, 0.2753)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.9475, 0.3367, 0.2753)

Conversions

Conversions Part 1

Format	Color
Hex	8F6180
RGB	143, 97, 128
RGB Percent	56%, 38%, 50%
CMY	0.4391, 0.6197, 0.4980
CMYK	0.00, 0.32, 0.11, 0.44
HSL	320°, 19%, 47%
HSV	320°, 32%, 56%
XYZ	19.5043, 15.9475, 22.4760
YIQ	114.2880, 17.4650, 19.3930

Conversions

Conversions Part 2

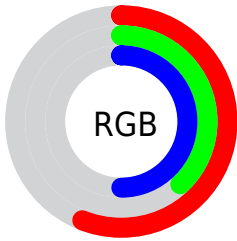
Format	Color
R_{YB}	143, 97, 128
Decimal	9396608
CIE _{Lab}	46.91, 23.77, -9.74
CIE _{LCh}	47, 25.691, 337.717
Yxy	15.9475, 0.3367, 0.2753
Android (android.graphics.Color)	4287586688 (0xFF8F6180)
YUV	114.2880, 6.7600, 25.1804
Hunter-Lab	39.9343, 17.2959, -5.4157

Details

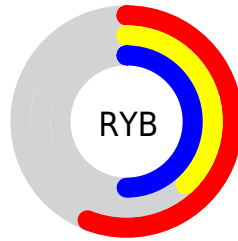
The Yxy color **15.9475, 0.3367, 0.2753** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.3675, 0.2949, 0.3897**, and the grayscale version is **16.8942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.3863, 0.3307, 0.2868**, and **5.0364, 0.3468, 0.2523** is the 20% darker color. If you saturate the color by 10%, you get **13.4194, 0.3467, 0.2585**, and if you desaturate by 10%, it is **18.9594, 0.3279, 0.2924**.

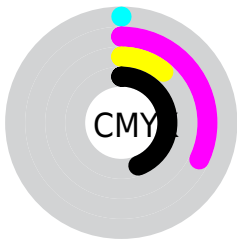
Distribution



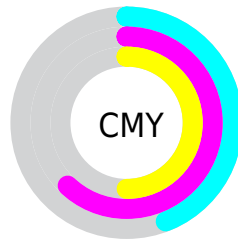
- Red (56%)
- Green (38%)
- Blue (50%)



- Red (56%)
- Yellow (38%)
- Blue (50%)



- Cyan (0%)
- Magenta (32%)
- Yellow (11%)
- Black (44%)



- Cyan (44%)
- Magenta (62%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9475, 0.3367, 0.2753 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 15.9475, 0.3367, 0.2753 by changing the saturation by 10% instead.


 15.9475, 0.3367,
0.2753


 15.9475, 0.3367,
0.2753


229.0317, 0.3232,
0.3057


 9.4870, 0.3407,
0.2662


 36.5070, 0.3313,
0.2874


 5.0602, 0.3464,
0.2535


 51.3749, 0.3295,
0.2916

 2.2826, 0.3548,
0.2345

 69.8140, 0.3279,
0.2950

 0.7645, 0.3692,
0.2019

 92.2087, 0.3267,
0.2979

 0.0000, 0.4526,
0.0000

118.9434, 0.3256,
0.3003

 0.0000, 0.0000,
0.0000

150.4026, 0.3247,

0.3023

186.9705, 0.3239,
0.3041

■ 15.9475, 0.3367,
0.2753

■ 15.9475, 0.3367,
0.2753

■ 13.4194, 0.3467,
0.2585

■ 18.9594, 0.3279,
0.2924

■ 11.3471, 0.3580,
0.2428

■ 22.4766, 0.3204,
0.3093

■ 9.7032, 0.3705,
0.2290


■ 26.5220, 0.3140,
0.3255


■ 8.4566, 0.3837,
0.2183


■ 31.1167, 0.3086,
0.3409

■ 7.5717, 0.3975,
0.2116

■ 36.2802, 0.3040,
0.3553

 7.0064, 0.4113,
0.2095

 42.0313, 0.3002,
0.3686

 6.6945, 0.4221,
0.2099

 48.3881, 0.2970,
0.3809

 55.3675, 0.2943,
0.3922

 62.9860, 0.2921,
0.4025

Harmonies

Analogous

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



15.9475, 0.2851, 0.2533



15.9475, 0.3367, 0.2753



15.9475, 0.3849, 0.3094

Triad

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



15.9475, 0.3367, 0.2753



15.9475, 0.3807, 0.4162



15.9475, 0.2222, 0.2953

Complementary

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



15.9475, 0.3367, 0.2753



23.3675, 0.2949, 0.3897

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.



15.9475, 0.2436, 0.3445



15.9475, 0.3367, 0.2753



15.9475, 0.3340, 0.4204

Square

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



15.9475, 0.3367, 0.2753



15.9475, 0.4104, 0.3884



15.9475, 0.2838, 0.3933



15.9475, 0.2227, 0.2614

Rectangle

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



15.9475, 0.3367, 0.2753



15.9475, 0.4065, 0.3359



15.9475, 0.2838, 0.3933



15.9475, 0.2269, 0.3105

Sweetspot

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



15.9482, 0.3367, 0.2753



41.5902, 0.3190, 0.3126



13.9470, 0.2750, 0.2419



9.3384, 0.3199, 0.3105



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



15.9482, 0.3367, 0.2753



25.0166, 0.3442, 0.2624



15.4181, 0.3703, 0.3140



5.4815, 0.3184, 0.3143



5.9195, 0.4215, 0.2095



0.0607, 0.3670, 0.1796

Inverse Universe

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



15.9482, 0.3367, 0.2753



25.0166, 0.3442, 0.2624



23.9353, 0.2751, 0.3448



5.4815, 0.3184, 0.3143



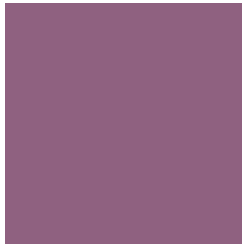
5.9195, 0.4215, 0.2095



0.0607, 0.3670, 0.1796

Previews

White Background



This preview shows how the Yxy color 15.9475, 0.3367, 0.2753 looks on a white background.

Color Contrast Check

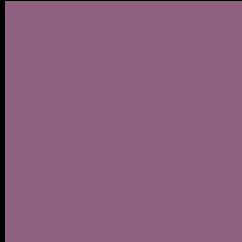
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9475, 0.3367, 0.2753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

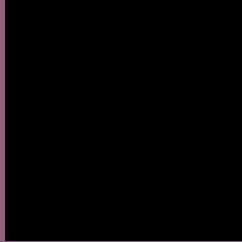
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9475, 0.3367, 0.2753

Background



This preview shows how black text looks on a background with the Yxy color 15.9475, 0.3367, 0.2753.



This preview shows how white text looks on a background with the Yxy color 15.9475, 0.3367, 0.2753.

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

15.9475, 0.3367, 0.2753

Protanopia

15.9613, 0.2754, 0.2762

Deuteranopia

16.1566, 0.3011, 0.2960



Tritanopia

16.0528, 0.3617, 0.3165

Trichromacy



Original Color

15.9475, 0.3367, 0.2753

Protanomaly

15.7463, 0.2955, 0.2743

Deuteranomaly

16.0711, 0.3133, 0.2879

Tritanomaly

16.1029, 0.3532, 0.3024

Monochromacy



Original Color

15.9475, 0.3367, 0.2753

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.4170, 0.3219, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9475, 0.3367, 0.2753 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(143, 97, 128)` looks like.

```
.text, #text, p{  
    color:rgb(143, 97, 128)  
}
```

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(143, 97, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 97, 128) }
```

Border

The CSS property to change the border of an element to Yxy 15.9475, 0.3367, 0.2753 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(143, 97, 128) }
```

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

```
.border{ border-color:rgb(143, 97, 128) }
```

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

Here you see how a box with a 4 pixel rgb(143, 97, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 97, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 97, 128);  
box-shadow:4px 4px 4px 4px rgb(143, 97,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9475, 0.3367, 0.2753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 97, 128) }
```

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

```
.background{ background-color: rgb(143, 97,  
128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor