

Converting Colors

$Y_{xy}(15.9737, 0.3516, 0.2951)$

Have a look what the booklet for
Yxy(15.9737, 0.3516, 0.2951)
contains.

Yxy(15.8830, 0.3509, 0.2938)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.8830, 0.3509, 0.2938)

Conversions

Conversions Part 1

Format	Color
Hex	8F6276
RGB	143, 98, 118
RGB Percent	56%, 38%, 46%
CMY	0.4391, 0.6157, 0.5372
CMYK	0.00, 0.31, 0.17, 0.44
HSL	333°, 19%, 47%
HSV	333°, 31%, 56%
XYZ	18.9699, 15.8830, 19.2077
YIQ	113.7350, 20.4000, 15.7600

Conversions

Conversions Part 2

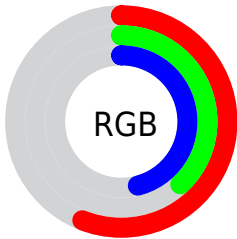
Format	Color
R_{YB}	143, 98, 118
Decimal	9396854
CIE Lab	46.82, 21.42, -3.86
CIE LCh	47, 21.765, 349.794
Yxy	15.8830, 0.3509, 0.2938
Android (android.graphics.Color)	4287586934 (0xFF8F6276)
YUV	113.7350, 2.1026, 25.6654
Hunter-Lab	39.8535, 15.2206, -0.6779

Details

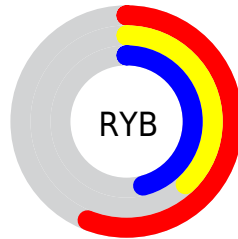
The Yxy color **15.8830, 0.3509, 0.2938** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.6810, 0.2860, 0.3674**, and the grayscale version is **16.7335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.2675, 0.3414, 0.3018**, and **5.0852, 0.3681, 0.2792** is the 20% darker color. If you saturate the color by 10%, you get **13.2614, 0.3682, 0.2823**, and if you desaturate by 10%, it is **19.0003, 0.3363, 0.3054**.

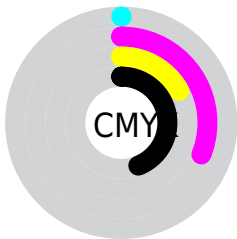
Distribution



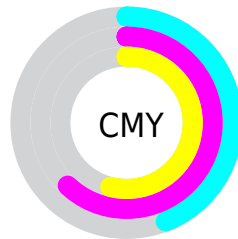
- Red (56%)
- Green (38%)
- Blue (46%)



- Red (56%)
- Yellow (38%)
- Blue (46%)



- Cyan (0%)
- Magenta (31%)
- Yellow (17%)
- Black (44%)





- Cyan (44%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.8830, 0.3509, 0.2938 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 15.8830, 0.3509, 0.2938 by changing the saturation by 10% instead.


 15.8830, 0.3509,
0.2938


 15.8830, 0.3509,
0.2938


228.6503, 0.3286,
0.3141


 9.4414, 0.3579,
0.2875


 36.3950, 0.3419,
0.3020


 5.0302, 0.3681,
0.2786

 51.2341, 0.3388,
0.3048

 2.2650, 0.3841,
0.2647

 69.6413, 0.3363,
0.3071

 0.7551, 0.4136,
0.2390

 92.0008, 0.3342,
0.3090

 0.0000, 1.0000,
0.0000

118.6970, 0.3325,
0.3106

 0.0000, 0.0000,
0.0000

150.1144, 0.3310,

0.3119

186.6374, 0.3297,
0.3131

■ 15.8830, 0.3509,
0.2938

■ 15.8830, 0.3509,
0.2938

■ 13.2614, 0.3682,
0.2823

■ 19.0003, 0.3363,
0.3054

■ 11.1074, 0.3885,
0.2716

■ 22.6350, 0.3242,
0.3167

■ 9.3935, 0.4116,
0.2625


■ 26.8103, 0.3141,
0.3275


■ 8.0884, 0.4372,
0.2561


■ 31.5473, 0.3057,
0.3375

■ 7.1564, 0.4644,
0.2537

■ 36.8658, 0.2988,
0.3468

 6.5560, 0.4917,
0.2562

 42.7849, 0.2931,
0.3554

 6.2079, 0.5147,
0.2609

 49.3227, 0.2884,
0.3632

 56.4964, 0.2844,
0.3704

 64.3227, 0.2811,
0.3770

Harmonies

Analogous

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



15.8830, 0.3066, 0.2698



15.8830, 0.3509, 0.2938



15.8830, 0.3860, 0.3264

Triad

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



15.8830, 0.3509, 0.2938



15.8830, 0.3563, 0.4072



15.8830, 0.2327, 0.2873

Complementary

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



15.8830, 0.3509, 0.2938



23.6810, 0.2860, 0.3674

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.



15.8830, 0.2440, 0.3250



15.8830, 0.3509, 0.2938



15.8830, 0.3139, 0.3994

Square

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



15.8830, 0.3509, 0.2938



15.8830, 0.3883, 0.3916



15.8830, 0.2730, 0.3678



15.8830, 0.2408, 0.2644

Rectangle

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



15.8830, 0.3509, 0.2938



15.8830, 0.3981, 0.3499



15.8830, 0.2730, 0.3678



15.8830, 0.2343, 0.2985

Sweetspot

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



15.8837, 0.3509, 0.2938



42.1496, 0.3217, 0.3192



14.9106, 0.2894, 0.2472



9.4488, 0.3231, 0.3178



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.



15.8837, 0.3509, 0.2938



24.9157, 0.3633, 0.2854



15.8845, 0.3801, 0.3333



5.4614, 0.3216, 0.3193



5.4903, 0.5135, 0.2602



0.0568, 0.4178, 0.2075

Inverse Universe

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



15.8837, 0.3509, 0.2938



24.9157, 0.3633, 0.2854



23.5651, 0.2685, 0.3247



5.4614, 0.3216, 0.3193



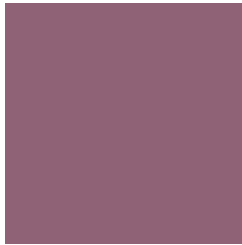
5.4903, 0.5135, 0.2602



0.0568, 0.4178, 0.2075

Previews

White Background



This preview shows how the Yxy color 15.8830, 0.3509, 0.2938 looks on a white background.

Color Contrast Check

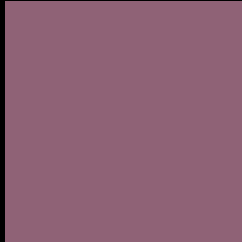
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8830, 0.3509, 0.2938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

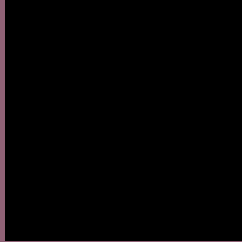
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.8830, 0.3509, 0.2938

Background



This preview shows how black text looks on a background with the Yxy color 15.8830, 0.3509, 0.2938.



This preview shows how white text looks on a background with the Yxy color 15.8830, 0.3509, 0.2938.

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

15.8830, 0.3509, 0.2938

Protanopia

15.9094, 0.2923, 0.2971

Deuteranopia

15.9791, 0.3189, 0.3134



Tritanopia

15.9267, 0.3651, 0.3166

Trichromacy



Original Color

15.8830, 0.3509, 0.2938

Protanomaly

15.8031, 0.3115, 0.2963

Deuteranomaly

15.7742, 0.3293, 0.3044

Tritanomaly

15.8222, 0.3595, 0.3077

Monochromacy



Original Color

15.8830, 0.3509, 0.2938

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.3229, 0.3271, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.8830, 0.3509, 0.2938 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, 98, 118)` looks like.

```
.text, #text, p{  
    color:rgb(143, 98, 118)  
}
```

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, 98, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 98, 118) }
```

Border

The CSS property to change the border of an element to Yxy 15.8830, 0.3509, 0.2938 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, 98, 118) }
```

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

```
.border{ border-color:rgb(143, 98, 118) }
```

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

Here you see how a box with a 4 pixel rgb(143, 98, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 98, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 98, 118);  
box-shadow:4px 4px 4px 4px rgb(143, 98,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 15.8830, 0.3509, 0.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 98, 118) }
```

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

```
.background{ background-color: rgb(143, 98,  
118) }
```

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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