

Converting Colors

$Y_{xy}(15.7259, 0.3585, 0.2884)$

Have a look what the booklet for
Yxy(15.7259, 0.3585, 0.2884)
contains.

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Color

Yxy(15.7883, 0.3591, 0.2896)

Conversions

Conversions Part 1

Format	Color
Hex	945F76
RGB	148, 95, 118
RGB Percent	58%, 37%, 46%
CMY	0.4195, 0.6275, 0.5373
CMYK	0.00, 0.36, 0.20, 0.42
HSL	334°, 22%, 48%
HSV	334°, 36%, 58%
XYZ	19.5773, 15.7883, 19.1520
YIQ	113.4690, 24.2050, 18.3890

Conversions

Conversions Part 2

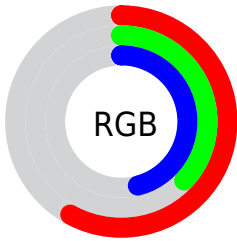
Format	Color
R _Y B	148, 95, 118
Decimal	9723766
CIE Lab	46.70, 25.05, -3.96
CIE LCh	47, 25.357, 351.007
Yxy	15.7883, 0.3591, 0.2896
Android (android.graphics.Color)	4287913846 (0xFF945F76)
YUV	113.4690, 2.2338, 30.2837
Hunter-Lab	39.7345, 18.4120, -0.7637

Details

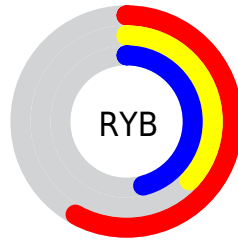
The Yxy color **15.7883, 0.3591, 0.2896** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.1004, 0.2823, 0.3726**, and the grayscale version is **16.6483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.1566, 0.3481, 0.2986**, and **4.9620, 0.3797, 0.2712** is the 20% darker color. If you saturate the color by 10%, you get **13.1806, 0.3782, 0.2786**, and if you desaturate by 10%, it is **18.9219, 0.3430, 0.3010**.

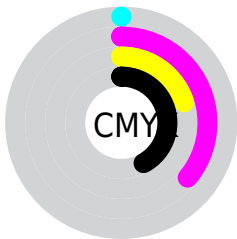
Distribution



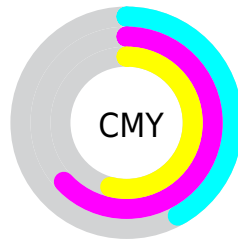
- Red (58%)
- Green (37%)
- Blue (46%)



- Red (58%)
- Yellow (37%)
- Blue (46%)



- Cyan (0%)
- Magenta (36%)
- Yellow (20%)
- Black (42%)





- Cyan (42%)
- Magenta (63%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.7883, 0.3591, 0.2896 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 15.7883, 0.3591, 0.2896 by changing the saturation by 10% instead.


 15.7883, 0.3591,
0.2896


 15.7883, 0.3591,
0.2896


228.0893, 0.3320,
0.3123


 9.3745, 0.3676,
0.2826


 36.2303, 0.3481,
0.2987


 4.9862, 0.3800,
0.2726

 51.0272, 0.3443,
0.3019

 2.2392, 0.3994,
0.2572

 69.3874, 0.3413,
0.3044

 0.7412, 0.4352,
0.2287

 91.6950, 0.3388,
0.3066

 0.0000, 1.0000,
0.0000

118.3347, 0.3367,
0.3083

 0.0000, 0.0000,
0.0000

149.6907, 0.3349,

0.3099

186.1474, 0.3334,
0.3112

■ 15.7883, 0.3591,
0.2896

■ 15.7883, 0.3591,
0.2896

■ 13.1806, 0.3782,
0.2786

■ 18.9219, 0.3430,
0.3010

■ 11.0674, 0.4003,
0.2687

■ 22.6061, 0.3295,
0.3122

■ 9.4172, 0.4253,
0.2609


■ 26.8667, 0.3183,
0.3230

■ 8.1940, 0.4525,
0.2564


■ 31.7274, 0.3091,
0.3331


■ 7.3565, 0.4807,
0.2564

■ 37.2103, 0.3014,
0.3426


 6.8457, 0.5083,
0.2613

 43.3366, 0.2951,
0.3512

 6.6702, 0.5198,
0.2637

 50.1263, 0.2899,
0.3592

 57.5985, 0.2856,
0.3665

 65.7719, 0.2819,
0.3732

Harmonies

Analogous

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



15.7883, 0.3073, 0.2618



15.7883, 0.3591, 0.2896



15.7883, 0.3997, 0.3269

Triad

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



15.7883, 0.3591, 0.2896



15.7883, 0.3609, 0.4208



15.7883, 0.2205, 0.2784

Complementary

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



15.7883, 0.3591, 0.2896



25.1004, 0.2823, 0.3726

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.



15.7883, 0.2322, 0.3216



15.7883, 0.3591, 0.2896



15.7883, 0.3114, 0.4112

Square

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



15.7883, 0.3591, 0.2896



15.7883, 0.3993, 0.4021



15.7883, 0.2646, 0.3727



15.7883, 0.2306, 0.2536

Rectangle

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



15.7883, 0.3591, 0.2896



15.7883, 0.4129, 0.3538



15.7883, 0.2646, 0.3727



15.7883, 0.2220, 0.2911

Sweetspot

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



15.7890, 0.3591, 0.2896



43.2063, 0.3241, 0.3173



14.6191, 0.2853, 0.2346



9.6579, 0.3255, 0.3160



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



15.7890, 0.3591, 0.2896



24.0831, 0.3742, 0.2807



15.7932, 0.3936, 0.3339



5.8547, 0.3219, 0.3194



5.7010, 0.5183, 0.2629



0.0755, 0.4208, 0.2092

Inverse Universe

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



15.7890, 0.3591, 0.2896



24.0831, 0.3742, 0.2807



24.9354, 0.2631, 0.3240



5.8547, 0.3219, 0.3194



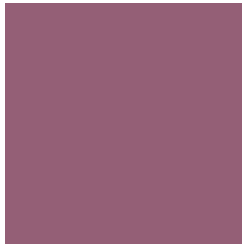
5.7010, 0.5183, 0.2629



0.0755, 0.4208, 0.2092

Previews

White Background



This preview shows how the Yxy color 15.7883, 0.3591, 0.2896 looks on a white background.

Color Contrast Check

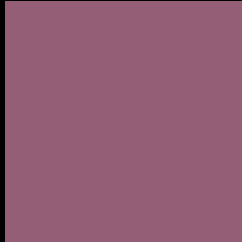
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7883, 0.3591, 0.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

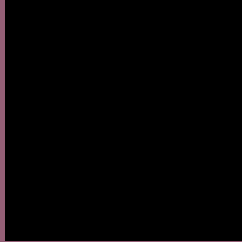
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.7883, 0.3591, 0.2896

Background



This preview shows how black text looks on a background with the Yxy color 15.7883, 0.3591, 0.2896.



This preview shows how white text looks on a background with the Yxy color 15.7883, 0.3591, 0.2896.

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

15.7883, 0.3591, 0.2896

Protanopia

15.8985, 0.2888, 0.2932

Deuteranopia

15.9791, 0.3189, 0.3134



Tritanopia

15.7724, 0.3768, 0.3152

Trichromacy



Original Color

15.7883, 0.3591, 0.2896

Protanomaly

15.7693, 0.3130, 0.2928

Deuteranomaly

15.7307, 0.3324, 0.3028

Tritanomaly

15.6946, 0.3695, 0.3047

Monochromacy



Original Color

15.7883, 0.3591, 0.2896

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

15.9815, 0.3288, 0.3118

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.7883, 0.3591, 0.2896 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(148, 95, 118)` looks like.

```
.text, #text, p{  
    color:rgb(148, 95, 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(148, 95, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 95, 118) }
```

Border

The CSS property to change the border of an element to Yxy 15.7883, 0.3591, 0.2896 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(148, 95, 118) }
```

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

```
.border{ border-color:rgb(148, 95, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 95, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 95, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 95, 118);  
box-shadow:4px 4px 4px 4px rgb(148, 95,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 15.7883, 0.3591, 0.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 95, 118) }
```

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

```
.background{ background-color: rgb(148, 95,  
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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