

Converting Colors

$Y_{xy}(14.8341, 0.3500, 0.2797)$

Have a look what the booklet for
Yxy(14.8341, 0.3500, 0.2797)
contains.

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Color

$Y_{xy}(14.8500, 0.3496, 0.2799)$

Conversions

Conversions Part 1

Format	Color
Hex	8F5C78
RGB	143, 92, 120
RGB Percent	56%, 36%, 47%
CMY	0.4391, 0.6392, 0.5294
CMYK	0.00, 0.36, 0.16, 0.44
HSL	327°, 22%, 46%
HSV	327°, 36%, 56%
XYZ	18.5479, 14.8500, 19.6568
YIQ	110.4410, 21.4080, 19.5200

Conversions

Conversions Part 2

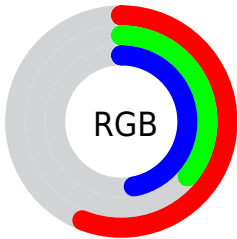
Format	Color
R_{YB}	143, 92, 120
Decimal	9395320
CIE Lab	45.43, 25.24, -7.12
CIE LCh	45, 26.226, 344.237
Yxy	14.8500, 0.3496, 0.2799
Android (android.graphics.Color)	4287585400 (0xFF8F5C78)
YUV	110.4410, 4.7126, 28.5542
Hunter-Lab	38.5357, 18.4777, -3.2684

Details

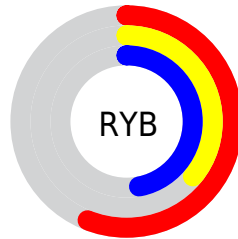
The Yxy color **14.8500, 0.3496, 0.2799** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.1655, 0.2876, 0.3843**, and the grayscale version is **15.7082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.6292, 0.3415, 0.2916**, and **4.5688, 0.3636, 0.2586** is the 20% darker color. If you saturate the color by 10%, you get **12.4511, 0.3643, 0.2661**, and if you desaturate by 10%, it is **17.7287, 0.3369, 0.2941**.

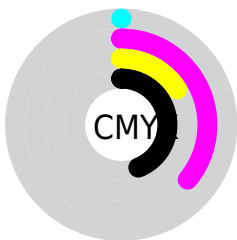
Distribution



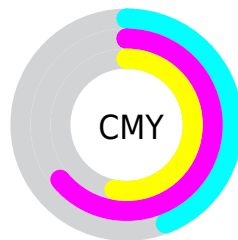
- Red (56%)
- Green (36%)
- Blue (47%)



- Red (56%)
- Yellow (36%)
- Blue (47%)



- Cyan (0%)
- Magenta (36%)
- Yellow (16%)
- Black (44%)



- Cyan (44%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8500, 0.3496, 0.2799 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 14.8500, 0.3496, 0.2799 by changing the saturation by 10% instead.


 14.8500, 0.3496,
0.2799


 14.8500, 0.3496,
0.2799


222.4565, 0.3282,
0.3081


 8.7142, 0.3563,
0.2713


 34.5898, 0.3409,
0.2912


 4.5552, 0.3660,
0.2590

 48.9626, 0.3379,
0.2951

 1.9887, 0.3811,
0.2401

 66.8498, 0.3355,
0.2983

 0.6009, 0.4119,
0.2001

 88.6359, 0.3335,
0.3009

 0.0000, 1.0000,
0.0000

114.7052, 0.3319,
0.3032

 0.0000, 0.0000,
0.0000

145.4422, 0.3305,

0.3051

181.2311, 0.3292,
0.3067

■ 14.8500, 0.3496,
0.2799

■ 14.8500, 0.3496,
0.2799

■ 12.4511, 0.3643,
0.2661

■ 17.7287, 0.3369,
0.2941

■ 10.5033, 0.3812,
0.2536

■ 21.1096, 0.3262,
0.3081

■ 8.9780, 0.4000,
0.2432


■ 25.0162, 0.3172,
0.3216

■ 7.8425, 0.4202,
0.2362


■ 29.4701, 0.3096,
0.3344


■ 7.0593, 0.4413,
0.2335

■ 34.4913, 0.3033,
0.3464

 6.5741, 0.4622,
0.2357

 40.0992, 0.2981,
0.3574

 6.3989, 0.4715,
0.2371

 46.3119, 0.2938,
0.3676

 53.1471, 0.2902,
0.3769

 60.6214, 0.2871,
0.3855

Harmonies

Analogous

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



14.8500, 0.2949, 0.2539



14.8500, 0.3496, 0.2799



14.8500, 0.3969, 0.3171

Triad

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



14.8500, 0.3496, 0.2799



14.8500, 0.3739, 0.4236



14.8500, 0.2166, 0.2842

Complementary

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



14.8500, 0.3496, 0.2799



23.1655, 0.2876, 0.3843

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.



14.8500, 0.2339, 0.3331



14.8500, 0.3496, 0.2799



14.8500, 0.3231, 0.4214

Square

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



14.8500, 0.3496, 0.2799



14.8500, 0.4100, 0.3983



14.8500, 0.2720, 0.3865



14.8500, 0.2221, 0.2536

Rectangle

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



14.8500, 0.3496, 0.2799



14.8500, 0.4154, 0.3451



14.8500, 0.2720, 0.3865



14.8500, 0.2198, 0.2989

Sweetspot

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



14.8507, 0.3496, 0.2799



40.7825, 0.3220, 0.3142



13.2787, 0.2788, 0.2336



9.1637, 0.3231, 0.3126



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.



14.8507, 0.3496, 0.2799



22.9907, 0.3616, 0.2685



14.3126, 0.3902, 0.3246



5.4705, 0.3201, 0.3170



5.6600, 0.4705, 0.2366



0.0586, 0.3920, 0.1933

Inverse Universe

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



14.8507, 0.3496, 0.2799



22.9907, 0.3616, 0.2685



23.8346, 0.2661, 0.3337



5.4705, 0.3201, 0.3170



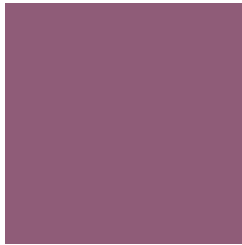
5.6600, 0.4705, 0.2366



0.0586, 0.3920, 0.1933

Previews

White Background



This preview shows how the Yxy color 14.8500, 0.3496, 0.2799 looks on a white background.

Color Contrast Check

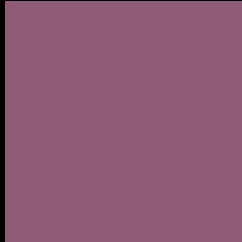
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8500, 0.3496, 0.2799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

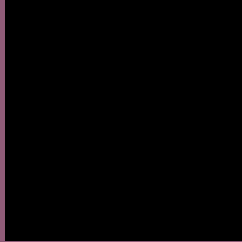
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.8500, 0.3496, 0.2799

Background



This preview shows how black text looks on a background with the Yxy color 14.8500, 0.3496, 0.2799.



This preview shows how white text looks on a background with the Yxy color 14.8500, 0.3496, 0.2799.

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

14.8500, 0.3496, 0.2799

Protanopia

15.0107, 0.2801, 0.2826

Deuteranopia

14.9886, 0.3084, 0.3029



Tritanopia

14.8064, 0.3735, 0.3165

Trichromacy



Original Color

14.8500, 0.3496, 0.2799

Protanomaly

14.8607, 0.3039, 0.2824

Deuteranomaly

14.8062, 0.3230, 0.2926

Tritanomaly

14.8603, 0.3644, 0.3022

Monochromacy



Original Color

14.8500, 0.3496, 0.2799

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.0530, 0.3251, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8500, 0.3496, 0.2799 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, 92, 120)` looks like.

```
.text, #text, p{  
    color:rgb(143, 92, 120)  
}
```

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, 92, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 92, 120) }
```

Border

The CSS property to change the border of an element to Yxy 14.8500, 0.3496, 0.2799 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, 92, 120) }
```

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

```
.border{ border-color:rgb(143, 92, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 92, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 92, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 92, 120);  
box-shadow:4px 4px 4px 4px rgb(143, 92,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8500, 0.3496, 0.2799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 92, 120) }
```

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

```
.background{ background-color: rgb(143, 92,  
120) }
```

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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