

Converting Colors

$Y_{xy}(16.0225, 0.3551, 0.2838)$

Have a look what the booklet for
Yxy(16.0225, 0.3551, 0.2838)
contains.

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Color

Yxy(15.9791, 0.3545, 0.2832)

Conversions

Conversions Part 1

Format	Color
Hex	955F7A
RGB	149, 95, 122
RGB Percent	58%, 37%, 48%
CMY	0.4156, 0.6275, 0.5216
CMYK	0.00, 0.36, 0.18, 0.42
HSL	330°, 22%, 48%
HSV	330°, 36%, 58%
XYZ	20.0021, 15.9791, 20.4422
YIQ	114.2240, 23.5170, 19.8450

Conversions

Conversions Part 2

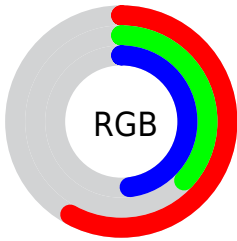
Format	Color
R_{YB}	149, 95, 122
Decimal	9789306
CIE Lab	46.95, 26.08, -5.99
CIE LCh	47, 26.761, 347.062
Yxy	15.9791, 0.3545, 0.2832
Android (android.graphics.Color)	4287979386 (0xFF955F7A)
YUV	114.2240, 3.8336, 30.4986
Hunter-Lab	39.9739, 19.3634, -2.3385

Details

The Yxy color **15.9791, 0.3545, 0.2832** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.3392, 0.2849, 0.3803**, and the grayscale version is **16.8813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.4511, 0.3451, 0.2937**, and **5.0555, 0.3742, 0.2646** is the 20% darker color. If you saturate the color by 10%, you get **13.3696, 0.3712, 0.2706**, and if you desaturate by 10%, it is **19.1178, 0.3402, 0.2962**.

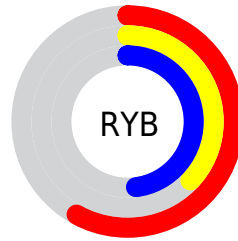
Distribution



Red (58%)

Green (37%)

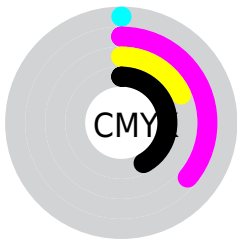
Blue (48%)



Red (58%)

Yellow (37%)

Blue (48%)

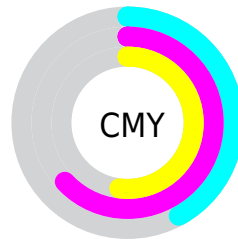


Cyan (0%)

Magenta (36%)

Yellow (18%)

Black (42%)



Cyan (42%)


Magenta (63%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9791, 0.3545, 0.2832 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 15.9791, 0.3545, 0.2832 by changing the saturation by 10% instead.


 15.9791, 0.3545,
0.2832


 15.9791, 0.3545,
0.2832


229.2184, 0.3303,
0.3094


 9.5094, 0.3620,
0.2753


 36.5619, 0.3447,
0.2936


 5.0749, 0.3728,
0.2641


 51.4438, 0.3414,
0.2973

 2.2913, 0.3895,
0.2471

 69.8985, 0.3387,
0.3002

 0.7691, 0.4194,
0.2172

 92.3104, 0.3364,
0.3027

 0.0000, 0.8611,
0.0000

119.0640, 0.3345,
0.3047

 0.0000, 0.0000,
0.0000

150.5436, 0.3329,

0.3065

187.1336, 0.3315,
0.3080

■ 15.9791, 0.3545,
0.2832

■ 15.9791, 0.3545,
0.2832

■ 13.3696, 0.3712,
0.2706

■ 19.1178, 0.3402,
0.2962

■ 11.2574, 0.3905,
0.2592

■ 22.8109, 0.3282,
0.3092

■ 9.6105, 0.4120,
0.2501


■ 27.0845, 0.3181,
0.3216

■ 8.3923, 0.4353,
0.2444


■ 31.9626, 0.3098,
0.3333


■ 7.5607, 0.4595,
0.2432

■ 37.4675, 0.3028,
0.3442


 7.0524, 0.4833,
0.2469

 43.6207, 0.2971,
0.3543

 6.8925, 0.4925,
0.2486

 50.4426, 0.2923,
0.3636

 57.9526, 0.2883,
0.3721

 66.1692, 0.2850,
0.3799

Harmonies

Analogous

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



15.9791, 0.2999, 0.2560



15.9791, 0.3545, 0.2832



15.9791, 0.3999, 0.3211

Triad

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



15.9791, 0.3545, 0.2832



15.9791, 0.3693, 0.4244



15.9791, 0.2165, 0.2807

Complementary

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



15.9791, 0.3545, 0.2832



25.3392, 0.2849, 0.3803

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.



15.9791, 0.2316, 0.3280



15.9791, 0.3545, 0.2832



15.9791, 0.3181, 0.4191

Square

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



15.9791, 0.3545, 0.2832



15.9791, 0.4072, 0.4013



15.9791, 0.2679, 0.3817



15.9791, 0.2241, 0.2521

Rectangle

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



15.9791, 0.3545, 0.2832



15.9791, 0.4164, 0.3490



15.9791, 0.2679, 0.3817



15.9791, 0.2190, 0.2947

Sweetspot

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



15.9798, 0.3545, 0.2832



44.5564, 0.3229, 0.3155



14.4919, 0.2814, 0.2324



9.6721, 0.3241, 0.3140



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.



15.9798, 0.3545, 0.2832



24.5191, 0.3688, 0.2723



15.4008, 0.3967, 0.3293



5.8608, 0.3209, 0.3180



5.8053, 0.4910, 0.2478



0.0770, 0.4035, 0.1996

Inverse Universe

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



15.9798, 0.3545, 0.2832



24.5191, 0.3688, 0.2723



26.1043, 0.2632, 0.3289



5.8608, 0.3209, 0.3180



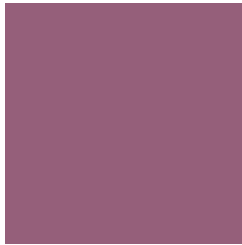
5.8053, 0.4910, 0.2478



0.0770, 0.4035, 0.1996

Previews

White Background



This preview shows how the Yxy color 15.9791, 0.3545, 0.2832 looks on a white background.

Color Contrast Check

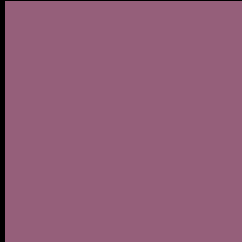
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9791, 0.3545, 0.2832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

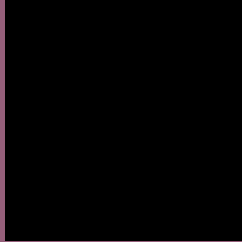
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9791, 0.3545, 0.2832

Background



This preview shows how black text looks on a background with the Yxy color 15.9791, 0.3545, 0.2832.



This preview shows how white text looks on a background with the Yxy color 15.9791, 0.3545, 0.2832.

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

15.9791, 0.3545, 0.2832

Protanopia

16.1606, 0.2832, 0.2876

Deuteranopia

16.0031, 0.3125, 0.3056



Tritanopia

15.9583, 0.3763, 0.3169

Trichromacy



Original Color

15.9791, 0.3545, 0.2832

Protanomaly

15.7992, 0.3067, 0.2854

Deuteranomaly

15.8268, 0.3269, 0.2955

Tritanomaly

15.9930, 0.3690, 0.3049

Monochromacy



Original Color

15.9791, 0.3545, 0.2832

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.3118, 0.3274, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9791, 0.3545, 0.2832 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(149, 95, 122)` looks like.

```
.text, #text, p{  
    color:rgb(149, 95, 122)  
}
```

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(149, 95, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 95, 122) }
```

Border

The CSS property to change the border of an element to Yxy 15.9791, 0.3545, 0.2832 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(149, 95, 122) }
```

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

```
.border{ border-color:rgb(149, 95, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 95, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 95, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 95, 122);  
box-shadow:4px 4px 4px 4px rgb(149, 95,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9791, 0.3545, 0.2832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 95, 122) }
```

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

```
.background{ background-color: rgb(149, 95,  
122) }
```

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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