

Converting Colors

$Y_{xy}(16.5070, 0.3450, 0.2869)$

Have a look what the booklet for
Yxy(16.5070, 0.3450, 0.2869)
contains.

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Color

Yxy(16.5893, 0.3445, 0.2876)

Conversions

Conversions Part 1

Format	Color
Hex	91647C
RGB	145, 100, 124
RGB Percent	57%, 39%, 49%
CMY	0.4314, 0.6078, 0.5138
CMYK	0.00, 0.31, 0.14, 0.43
HSL	328°, 18%, 48%
HSV	328°, 31%, 57%
XYZ	19.8714, 16.5893, 21.2212
YIQ	116.1910, 19.1160, 17.0040

Conversions

Conversions Part 2

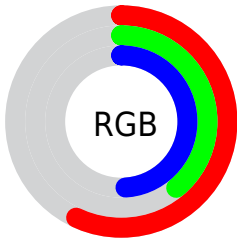
Format	Color
R_{YB}	145, 100, 124
Decimal	9528444
CIE Lab	47.74, 22.02, -6.06
CIE LCh	48, 22.842, 344.605
Yxy	16.5893, 0.3445, 0.2876
Android (android.graphics.Color)	4287718524 (0xFF91647C)
YUV	116.1910, 3.8498, 25.2655
Hunter-Lab	40.7300, 15.8094, -2.3803

Details

The Yxy color **16.5893, 0.3445, 0.2876** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.3401, 0.2899, 0.3746**, and the grayscale version is **17.5105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.5869, 0.3372, 0.2960**, and **5.3437, 0.3598, 0.2703** is the 20% darker color. If you saturate the color by 10%, you get **13.8861, 0.3588, 0.2739**, and if you desaturate by 10%, it is **19.8008, 0.3323, 0.3014**.

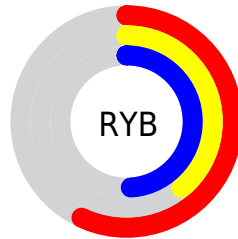
Distribution



Red (57%)

Green (39%)

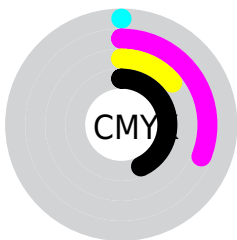
Blue (49%)



Red (57%)

Yellow (39%)

Blue (49%)

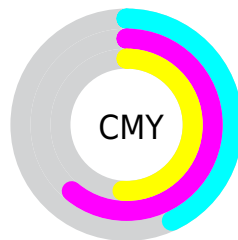


Cyan (0%)

Magenta (31%)

Yellow (14%)

Black (43%)



Cyan (43%)


Magenta (61%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.5893, 0.3445, 0.2876 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 16.5893, 0.3445, 0.2876 by changing the saturation by 10% instead.


 16.5893, 0.3445,
0.2876


 16.5893, 0.3445,
0.2876


232.7944, 0.3262,
0.3112


 9.9421, 0.3501,
0.2805

 37.6183, 0.3372,
0.2970


 5.3606, 0.3581,
0.2705


 52.7689, 0.3346,
0.3003

 2.4603, 0.3704,
0.2553

 71.5227, 0.3326,
0.3029

 0.8567, 0.3918,
0.2296

 94.2642, 0.3309,
0.3051

 0.0000, 0.6644,
0.0000

121.3777, 0.3294,
0.3070

 0.0000, 0.0000,
0.0000

153.2476, 0.3282,

0.3086

190.2584, 0.3272,
0.3100

■ 16.5893, 0.3445,
0.2876

■ 16.5893, 0.3445,
0.2876

■ 13.8861, 0.3588,
0.2739

■ 19.8008, 0.3323,
0.3014

■ 11.6625, 0.3753,
0.2610

■ 23.5429, 0.3221,
0.3149

■ 9.8903, 0.3940,
0.2498


■ 27.8392, 0.3135,
0.3277

■ 8.5374, 0.4145,
0.2414


■ 32.7114, 0.3064,
0.3398


■ 7.5675, 0.4363,
0.2370


■ 38.1799, 0.3004,
0.3510


 6.9379, 0.4583,
0.2374

 44.2642, 0.2955,
0.3613

 6.5596, 0.4782,
0.2408

 50.9826, 0.2914,
0.3708

 58.3531, 0.2880,
0.3795

 66.3926, 0.2852,
0.3875

Harmonies

Analogous

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



16.5893, 0.2986, 0.2650



16.5893, 0.3445, 0.2876



16.5893, 0.3836, 0.3200

Triad

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



16.5893, 0.3445, 0.2876



16.5893, 0.3645, 0.4087



16.5893, 0.2307, 0.2915

Complementary

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



16.5893, 0.3445, 0.2876



24.3401, 0.2899, 0.3746

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.



16.5893, 0.2457, 0.3324



16.5893, 0.3445, 0.2876



16.5893, 0.3217, 0.4054

Square

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



16.5893, 0.3445, 0.2876



16.5893, 0.3946, 0.3889



16.5893, 0.2783, 0.3762



16.5893, 0.2356, 0.2651

Rectangle

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



16.5893, 0.3445, 0.2876



16.5893, 0.3989, 0.3441



16.5893, 0.2783, 0.3762



16.5893, 0.2335, 0.3039

Sweetspot

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



16.5901, 0.3445, 0.2876



43.5048, 0.3204, 0.3173



15.2249, 0.2851, 0.2472



9.4642, 0.3216, 0.3156



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.



16.5901, 0.3445, 0.2876



26.3497, 0.3539, 0.2783



16.0845, 0.3778, 0.3265



5.4691, 0.3204, 0.3173



5.6320, 0.4769, 0.2401



0.0583, 0.3956, 0.1953

Inverse Universe

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



16.5901, 0.3445, 0.2876



26.3497, 0.3539, 0.2783



24.9576, 0.2707, 0.3316



5.4691, 0.3204, 0.3173



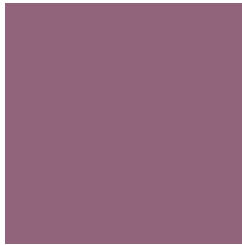
5.6320, 0.4769, 0.2401



0.0583, 0.3956, 0.1953

Previews

White Background



This preview shows how the Yxy color 16.5893, 0.3445, 0.2876 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 16.5893, 0.3445, 0.2876 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 16.5893, 0.3445, 0.2876

Background



This preview shows how black text looks on a background with the Yxy color 16.5893, 0.3445, 0.2876.



This preview shows how white text looks on a background with the Yxy color 16.5893, 0.3445, 0.2876.

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

16.5893, 0.3445, 0.2876

Protanopia

16.7912, 0.2870, 0.2921

Deuteranopia

16.6219, 0.3125, 0.3060



Tritanopia

16.4682, 0.3613, 0.3149

Trichromacy



Original Color

16.5893, 0.3445, 0.2876

Protanomaly

16.5211, 0.3066, 0.2896

Deuteranomaly

16.4840, 0.3238, 0.2976

Tritanomaly

16.4745, 0.3558, 0.3045

Monochromacy



Original Color

16.5893, 0.3445, 0.2876

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.9958, 0.3243, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.5893, 0.3445, 0.2876 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(145, 100, 124)` looks like.

```
.text, #text, p{  
    color:rgb(145, 100, 124)  
}
```

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(145, 100, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 100, 124) }
```

Border

The CSS property to change the border of an element to Yxy 16.5893, 0.3445, 0.2876 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(145, 100, 124) }
```

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

```
.border{ border-color:rgb(145, 100, 124) }
```

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

Here you see how a box with a 4 pixel rgb(145, 100, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 100, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 100, 124);  
box-shadow:4px 4px 4px 4px rgb(145, 100,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 16.5893, 0.3445, 0.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 100, 124) }
```

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

```
.background{ background-color: rgb(145,  
100, 124) }
```

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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