

Converting Colors

$Y_{xy}(17.5789, 0.3302, 0.2774)$

Have a look what the booklet for
Yxy(17.5789, 0.3302, 0.2774)
contains.

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Color

Yxy(17.6416, 0.3300, 0.2781)

Conversions

Conversions Part 1

Format	Color
Hex	916886
RGB	145, 104, 134
RGB Percent	57%, 41%, 53%
CMY	0.4313, 0.5922, 0.4745
CMYK	0.00, 0.28, 0.08, 0.43
HSL	316°, 16%, 49%
HSV	316°, 28%, 57%
XYZ	20.9339, 17.6416, 24.8606
YIQ	119.6790, 14.8060, 18.0220

Conversions

Conversions Part 2

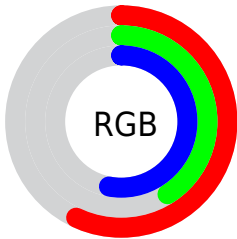
Format	Color
R_{YB}	145, 104, 134
Decimal	9529478
CIE _{Lab}	49.06, 21.53, -10.07
CIE _{LCh}	49, 23.768, 334.932
Yxy	17.6416, 0.3300, 0.2781
Android (android.graphics.Color)	4287719558 (0xFF916886)
YUV	119.6790, 7.0603, 22.2065
Hunter-Lab	42.0019, 15.4619, -5.6920

Details

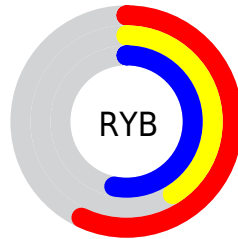
The Yxy color **17.6416, 0.3300, 0.2781** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.4380, 0.2990, 0.3860**, and the grayscale version is **18.6490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.5069, 0.3260, 0.2900**, and **5.8481, 0.3377, 0.2588** is the 20% darker color. If you saturate the color by 10%, you get **14.8633, 0.3379, 0.2598**, and if you desaturate by 10%, it is **20.9276, 0.3230, 0.2965**.

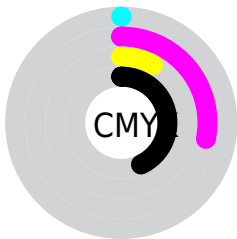
Distribution



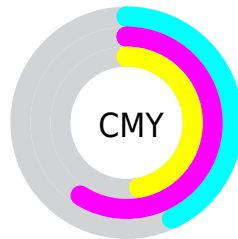
- Red (57%)
- Green (41%)
- Blue (53%)



- Red (57%)
- Yellow (41%)
- Blue (53%)



- Cyan (0%)
- Magenta (28%)
- Yellow (8%)
- Black (43%)



- Cyan (43%)
- Magenta (59%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.6416, 0.3300, 0.2781 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 17.6416, 0.3300, 0.2781 by changing the saturation by 10% instead.

■ 17.6416, 0.3300,
0.2781

■ 17.6416, 0.3300,
0.2781

238.8431, 0.3205,
0.3066

■ 10.6930, 0.3327,
0.2698

■ 39.4257, 0.3263,
0.2893

■ 5.8608, 0.3365,
0.2582

■ 55.0299, 0.3250,
0.2932

■ 2.7606, 0.3419,
0.2412

■ 74.2881, 0.3239,
0.2964

■ 1.0081, 0.3503,
0.2136

■ 97.5848, 0.3230,
0.2991

■ 0.0000, 0.4193,
0.0000

125.3042, 0.3222,
0.3014

■ 0.0000, 0.0000,
0.0000

157.8308, 0.3215,

0.3034

195.5490, 0.3210,
0.3051

■ 17.6416, 0.3300,
0.2781

■ 17.6416, 0.3300,
0.2781

■ 14.8633, 0.3379,
0.2598

■ 20.9276, 0.3230,
0.2965

■ 12.5646, 0.3468,
0.2424

■ 24.7427, 0.3170,
0.3146

■ 10.7181, 0.3565,
0.2267


■ 29.1102, 0.3119,
0.3319

■ 9.2931, 0.3669,
0.2137


■ 34.0512, 0.3075,
0.3482

■ 8.2547, 0.3777,
0.2044


■ 39.5856, 0.3038,
0.3634


 7.5623, 0.3885,
0.1994

 45.7324, 0.3008,
0.3776

 7.1323, 0.3992,
0.1984

 52.5097, 0.2982,
0.3905

 7.0647, 0.4010,
0.1983

 59.9351, 0.2960,
0.4024

 68.0252, 0.2942,
0.4133

Harmonies

Analogous

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



17.6416, 0.2841, 0.2593



17.6416, 0.3300, 0.2781



17.6416, 0.3738, 0.3084

Triad

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



17.6416, 0.3300, 0.2781



17.6416, 0.3773, 0.4058



17.6416, 0.2320, 0.3029

Complementary

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



17.6416, 0.3300, 0.2781



24.4380, 0.2990, 0.3860

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.



17.6416, 0.2534, 0.3474



17.6416, 0.3300, 0.2781



17.6416, 0.3365, 0.4110

Square

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



17.6416, 0.3300, 0.2781



17.6416, 0.4016, 0.3801



17.6416, 0.2911, 0.3893



17.6416, 0.2305, 0.2706

Rectangle

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



17.6416, 0.3300, 0.2781



17.6416, 0.3944, 0.3323



17.6416, 0.2911, 0.3893



17.6416, 0.2370, 0.3169

Sweetspot

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



17.6424, 0.3300, 0.2781



44.3878, 0.3170, 0.3148



15.5844, 0.2779, 0.2530



9.6514, 0.3177, 0.3124



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.



17.6424, 0.3300, 0.2781



28.2908, 0.3350, 0.2663



17.1258, 0.3583, 0.3123



5.4867, 0.3175, 0.3130



6.0620, 0.4004, 0.1979



0.0616, 0.3571, 0.1741

Inverse Universe

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



17.6424, 0.3300, 0.2781



28.2908, 0.3350, 0.2663



24.9621, 0.2810, 0.3465



5.4867, 0.3175, 0.3130



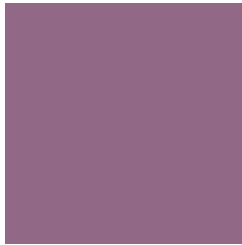
6.0620, 0.4004, 0.1979



0.0616, 0.3571, 0.1741

Previews

White Background



This preview shows how the Yxy color 17.6416, 0.3300, 0.2781 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 17.6416, 0.3300, 0.2781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

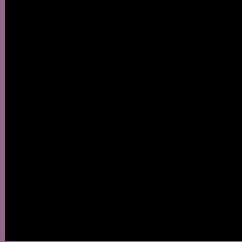
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.6416, 0.3300, 0.2781

Background



This preview shows how black text looks on a background with the Yxy color 17.6416, 0.3300, 0.2781.



This preview shows how white text looks on a background with the Yxy color 17.6416, 0.3300, 0.2781.

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

17.6416, 0.3300, 0.2781

Protanopia

17.8233, 0.2780, 0.2802

Deuteranopia

17.7655, 0.3004, 0.2954



Tritanopia

17.6160, 0.3510, 0.3132

Trichromacy



Original Color

17.6416, 0.3300, 0.2781

Protanomaly

17.6634, 0.2949, 0.2797

Deuteranomaly

17.5911, 0.3108, 0.2875

Tritanomaly

17.6674, 0.3430, 0.2995

Monochromacy



Original Color

17.6416, 0.3300, 0.2781

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

18.1824, 0.3188, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6416, 0.3300, 0.2781 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, 104, 134)` looks like.

```
.text, #text, p{  
    color:rgb(145, 104, 134)  
}
```

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, 104, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 104, 134) }
```

Border

The CSS property to change the border of an element to Yxy 17.6416, 0.3300, 0.2781 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, 104, 134) }
```

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

```
.border{ border-color:rgb(145, 104, 134) }
```

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

Here you see how a box with a 4 pixel rgb(145, 104, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 104, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 104, 134);  
box-shadow:4px 4px 4px 4px rgb(145, 104,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6416, 0.3300, 0.2781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 104, 134) }
```

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

```
.background{ background-color: rgb(145,  
104, 134) }
```

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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