

Converting Colors

$Y_{xy}(26.7999, 0.3430, 0.2843)$

Have a look what the booklet for
Yxy(26.7999, 0.3430, 0.2843)
contains.

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Color

Yxy(26.8913, 0.3438, 0.2854)

Conversions

Conversions Part 1

Format	Color
Hex	B57D9C
RGB	181, 125, 156
RGB Percent	71%, 49%, 61%
CMY	0.2901, 0.5098, 0.3882
CMYK	0.00, 0.31, 0.14, 0.29
HSL	327°, 27%, 60%
HSV	327°, 31%, 71%
XYZ	32.3939, 26.8913, 34.9380
YIQ	145.2780, 23.4250, 21.5130

Conversions

Conversions Part 2

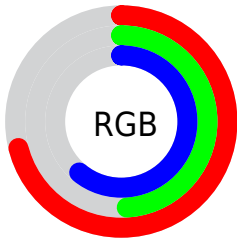
Format	Color
R _Y B	181, 125, 156
Decimal	11894172
CIE Lab	58.87, 26.53, -7.83
CIE LCh	59, 27.658, 343.553
Yxy	26.8913, 0.3438, 0.2854
Android (android.graphics.Color)	4290084252 (0xFFB57D9C)
YUV	145.2780, 5.2859, 31.3282
Hunter-Lab	51.8568, 20.7560, -3.6462

Details

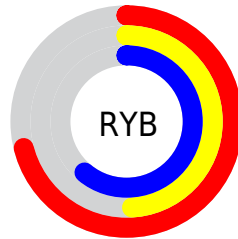
The Yxy color **26.8913, 0.3438, 0.2854** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.6173, 0.2904, 0.3773**, and the grayscale version is **28.4062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6711, 0.3383, 0.2944**, and **10.5641, 0.3538, 0.2705** is the 20% darker color. If you saturate the color by 10%, you get **22.4549, 0.3578, 0.2710**, and if you desaturate by 10%, it is **32.1836, 0.3319, 0.3000**.

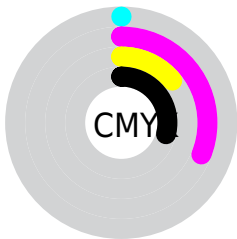
Distribution



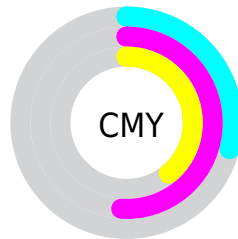
- Red (71%)
- Green (49%)
- Blue (61%)



- Red (71%)
- Yellow (49%)
- Blue (61%)



- Cyan (0%)
- Magenta (31%)
- Yellow (14%)
- Black (29%)





- Cyan (29%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8913, 0.3438, 0.2854 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 26.8913, 0.3438, 0.2854 by changing the saturation by 10% instead.

 26.8913, 0.3438,
0.2854


 26.8913, 0.3438,
0.2854


287.1304, 0.3272,
0.3084


 17.4916, 0.3483,
0.2792


 54.7094, 0.3375,
0.2941

 10.5856, 0.3544,
0.2710


 73.8966, 0.3352,
0.2972

 5.7889, 0.3629,
0.2596


 97.1150, 0.3333,
0.2999

 2.7172, 0.3757,
0.2427

124.7492, 0.3317,
0.3021

 0.9859, 0.3971,
0.2153

157.1834, 0.3304,
0.3040

 0.0000, 0.5624,
0.0000

194.8021, 0.3292,

 0.0000, 0.0000,

0.3057

0.0000

237.9896, 0.3281,
0.3071

■ 26.8913, 0.3438,
0.2854

■ 26.8913, 0.3438,
0.2854

■ 22.4549, 0.3578,
0.2710

■ 32.1836, 0.3319,
0.3000

■ 18.8249, 0.3739,
0.2575

■ 38.3704, 0.3218,
0.3142

■ 15.9525, 0.3922,
0.2459


■ 45.4925, 0.3134,
0.3278

■ 13.7819, 0.4121,
0.2373


■ 53.5869, 0.3065,
0.3405

■ 12.2496, 0.4331,
0.2329

■ 62.6887, 0.3007,
0.3523


 11.2805, 0.4542,
0.2336

 72.8314, 0.2959,
0.3632

 10.7500, 0.4730,
0.2380

 84.0465, 0.2919,
0.3732

 86.5485, 0.2878,
0.3672

 86.9889, 0.2836,
0.3580

Harmonies

Analogous

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



26.8913, 0.2965, 0.2626



26.8913, 0.3438, 0.2854



26.8913, 0.3847, 0.3183

Triad

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



26.8913, 0.3438, 0.2854



26.8913, 0.3673, 0.4107



26.8913, 0.2286, 0.2916

Complementary

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



26.8913, 0.3438, 0.2854



39.6173, 0.2904, 0.3773

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.



26.8913, 0.2446, 0.3341



26.8913, 0.3438, 0.2854



26.8913, 0.3234, 0.4085

Square

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



26.8913, 0.3438, 0.2854



26.8913, 0.3978, 0.3895



26.8913, 0.2786, 0.3792



26.8913, 0.2329, 0.2638

Rectangle

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



26.8913, 0.3438, 0.2854



26.8913, 0.4010, 0.3431



26.8913, 0.2786, 0.3792



26.8913, 0.2317, 0.3045

Sweetspot

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



26.8925, 0.3438, 0.2854



70.8732, 0.3202, 0.3167



24.4181, 0.2826, 0.2454



14.9431, 0.3215, 0.3147



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



26.8925, 0.3438, 0.2854



42.6891, 0.3529, 0.2757



26.0698, 0.3768, 0.3238



8.5814, 0.3203, 0.3165



7.4233, 0.4706, 0.2366



0.2451, 0.4184, 0.2078

Inverse Universe

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



26.8925, 0.3438, 0.2854



42.6891, 0.3529, 0.2757



40.6007, 0.2714, 0.3345



8.5814, 0.3203, 0.3165



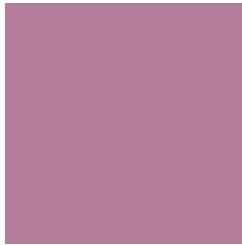
7.4233, 0.4706, 0.2366



0.2451, 0.4184, 0.2078

Previews

White Background



This preview shows how the Yxy color 26.8913, 0.3438, 0.2854 looks on a white background.

Color Contrast Check

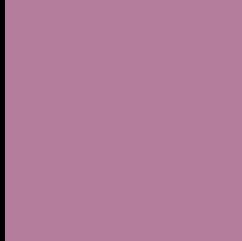
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 26.8913, 0.3438, 0.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

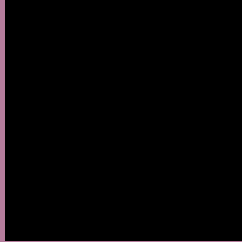
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8913, 0.3438, 0.2854

Background



This preview shows how black text looks on a background with the Yxy color 26.8913, 0.3438, 0.2854.



This preview shows how white text looks on a background with the Yxy color 26.8913, 0.3438, 0.2854.

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

26.8913, 0.3438, 0.2854

Protanopia

27.1213, 0.2851, 0.2893

Deuteranopia

26.9941, 0.3096, 0.3039



Tritanopia

26.8570, 0.3620, 0.3147

Trichromacy



Original Color

26.8913, 0.3438, 0.2854

Protanomaly

26.7089, 0.3049, 0.2876

Deuteranomaly

26.7187, 0.3210, 0.2957

Tritanomaly

26.9264, 0.3551, 0.3033

Monochromacy



Original Color

26.8913, 0.3438, 0.2854

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.6160, 0.3234, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8913, 0.3438, 0.2854 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(181, 125, 156)` looks like.

```
.text, #text, p{  
    color:rgb(181, 125, 156)  
}
```

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(181, 125, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 125, 156) }
```

Border

The CSS property to change the border of an element to Yxy 26.8913, 0.3438, 0.2854 is called "border". The border property can be set on classes, ids or directly on the HTML element.

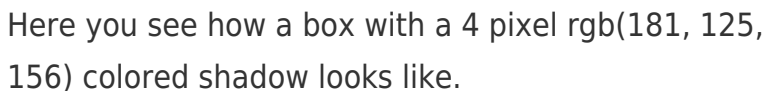
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 125, 156) }
```

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

```
.border{ border-color:rgb(181, 125, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 125, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 125, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 125, 156);  
box-shadow:4px 4px 4px 4px rgb(181, 125,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8913, 0.3438, 0.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 125, 156) }
```

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

```
.background{ background-color: rgb(181,  
125, 156) }
```

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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