

Converting Colors

$Y_{xy}(26.9483, 0.3229, 0.2887)$

Have a look what the booklet for
Yxy(26.9483, 0.3229, 0.2887)
contains.

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Color

Yxy(26.8428, 0.3225, 0.2876)

Conversions

Conversions Part 1

Format	Color
Hex	A6839F
RGB	166, 131, 159
RGB Percent	65%, 51%, 62%
CMY	0.3490, 0.4863, 0.3765
CMYK	0.00, 0.21, 0.04, 0.35
HSL	312°, 16%, 58%
HSV	312°, 21%, 65%
XYZ	30.1001, 26.8428, 36.3908
YIQ	144.6570, 11.8720, 16.1280

Conversions

Conversions Part 2

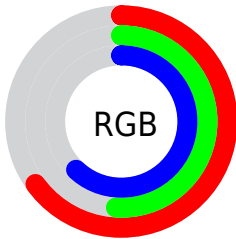
Format	Color
RYB	166, 131, 159
Decimal	10912671
CIELab	58.83, 18.27, -9.78
CIELCh	59, 20.727, 331.844
Yxy	26.8428, 0.3225, 0.2876
Android (android.graphics.Color)	4289102751 (0xFFA6839F)
YUV	144.6570, 7.0711, 18.7178
Hunter-Lab	51.8100, 13.0358, -5.3777

Details

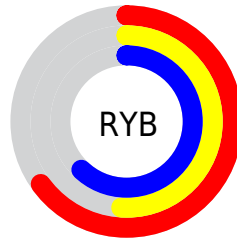
The Yxy color **26.8428, 0.3225, 0.2876** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.9355, 0.3043, 0.3743**, and the grayscale version is **28.1368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5082, 0.3201, 0.2952**, and **10.5450, 0.3253, 0.2725** is the 20% darker color. If you saturate the color by 10%, you get **22.6222, 0.3282, 0.2674**, and if you desaturate by 10%, it is **31.7833, 0.3175, 0.3076**.

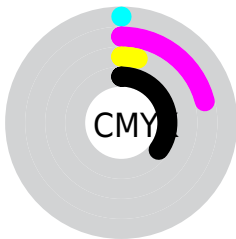
Distribution



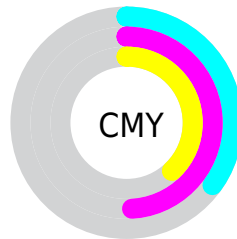
- Red (65%)
- Green (51%)
- Blue (62%)



- Red (65%)
- Yellow (51%)
- Blue (62%)



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)
- Black (35%)





- Cyan (35%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8428, 0.3225, 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 26.8428, 0.3225, 0.2876 by changing the saturation by 10% instead.


 26.8428, 0.3225,
0.2876


 26.8428, 0.3225,
0.2876


286.8952, 0.3175,
0.3095


 17.4552, 0.3238,
0.2817


 54.6315, 0.3206,
0.2959

 10.5596, 0.3255,
0.2739


 73.8014, 0.3200,
0.2989

 5.7715, 0.3277,
0.2629


 97.0009, 0.3194,
0.3014

 2.7066, 0.3309,
0.2467

124.6142, 0.3189,
0.3035

 0.9806, 0.3357,
0.2201

157.0260, 0.3185,
0.3053

 0.0000, 0.3730,
0.0000

194.6205, 0.3181,

 0.0000, 0.0000,

0.3069

0.0000

237.7821, 0.3178,
0.3083

■ 26.8428, 0.3225,
0.2876

■ 26.8428, 0.3225,
0.2876

■ 22.6222, 0.3282,
0.2674

■ 31.7833, 0.3175,
0.3076

■ 19.0840, 0.3346,
0.2477

■ 37.4719, 0.3131,
0.3270

■ 16.1927, 0.3415,
0.2294


■ 43.9396, 0.3094,
0.3453

■ 13.9080, 0.3490,
0.2133


■ 51.2146, 0.3062,
0.3626

■ 12.1852, 0.3567,
0.2004


■ 59.3236, 0.3036,
0.3785


 10.9735, 0.3645,
0.1915


 68.2922, 0.3013,
0.3932

 10.2127, 0.3720,
0.1870

 78.1449, 0.2994,
0.4067

 9.7937, 0.3786,
0.1859

 83.1560, 0.2977,
0.4105

 83.2988, 0.2960,
0.4064

Harmonies

Analogous

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



26.8428, 0.2879, 0.2741



26.8428, 0.3225, 0.2876



26.8428, 0.3560, 0.3108

Triad

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



26.8428, 0.3225, 0.2876



26.8428, 0.3649, 0.3863



26.8428, 0.2515, 0.3132

Complementary

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



26.8428, 0.3225, 0.2876



33.9355, 0.3043, 0.3743

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.



26.8428, 0.2700, 0.3467



26.8428, 0.3225, 0.2876



26.8428, 0.3350, 0.3909

Square

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



26.8428, 0.3225, 0.2876



26.8428, 0.3811, 0.3665



26.8428, 0.3003, 0.3763



26.8428, 0.2485, 0.2868

Rectangle

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



26.8428, 0.3225, 0.2876



26.8428, 0.3725, 0.3294



26.8428, 0.3003, 0.3763



26.8428, 0.2561, 0.3240

Sweetspot

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



26.8440, 0.3225, 0.2876



62.6404, 0.3153, 0.3173



24.3905, 0.2853, 0.2731



13.8754, 0.3155, 0.3161



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.8440, 0.3225, 0.2876



45.2036, 0.3249, 0.2788



26.2792, 0.3418, 0.3131



7.6405, 0.3167, 0.3111



7.6007, 0.3780, 0.1856



0.1913, 0.3560, 0.1735

Inverse Universe

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



26.8440, 0.3225, 0.2876



45.2036, 0.3249, 0.2788



34.4835, 0.2901, 0.3455



7.6405, 0.3167, 0.3111



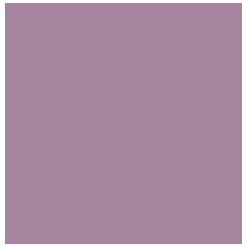
7.6007, 0.3780, 0.1856



0.1913, 0.3560, 0.1735

Previews

White Background



This preview shows how the Yxy color 26.8428, 0.3225, 0.2876 looks on a white background.

Color Contrast Check

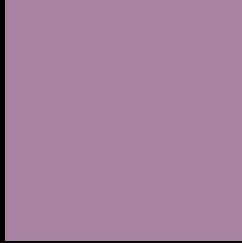
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8428, 0.3225, 0.2876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

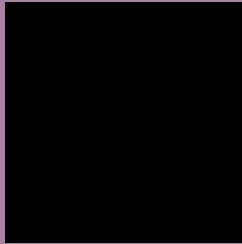
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8428, 0.3225, 0.2876

Background



This preview shows how black text looks on a background with the Yxy color 26.8428, 0.3225, 0.2876.



This preview shows how white text looks on a background with the Yxy color 26.8428, 0.3225, 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

26.8428, 0.3225, 0.2876

Protanopia

27.0847, 0.2859, 0.2908

Deuteranopia

26.9415, 0.3035, 0.2976



Tritanopia

26.9563, 0.3361, 0.3138

Trichromacy



Original Color

26.8428, 0.3225, 0.2876

Protanomaly

26.8316, 0.2987, 0.2886

Deuteranomaly

26.7651, 0.3111, 0.2937

Tritanomaly

26.9443, 0.3319, 0.3049

Monochromacy



Original Color

26.8428, 0.3225, 0.2876

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.7305, 0.3167, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8428, 0.3225, 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(166, 131, 159)` looks like.

```
.text, #text, p{  
    color:rgb(166, 131, 159)  
}
```

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(166, 131, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 131, 159) }
```

Border

The CSS property to change the border of an element to Yxy 26.8428, 0.3225, 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(166, 131, 159) }
```

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

```
.border{ border-color:rgb(166, 131, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 131, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 131, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 131, 159); box-shadow:4px 4px 4px 4px rgb(166, 131, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8428, 0.3225, 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(166, 131, 159) }
```

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

```
.background{ background-color: rgb(166,  
131, 159) }
```

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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