

Converting Colors

$Y_{xy}(26.9599, 0.2853, 0.2299)$

Have a look what the booklet for
Yxy(26.9599, 0.2853, 0.2299)
contains.

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Color

Yxy(26.9599, 0.2853, 0.2299)

Conversions

Conversions Part 1

Format	Color
Hex	A77DC6
RGB	167, 125, 198
RGB Percent	65%, 49%, 78%
CMY	0.3452, 0.5097, 0.2236
CMYK	0.16, 0.37, 0.00, 0.22
HSL	275°, 39%, 63%
HSV	275°, 37%, 78%
XYZ	33.4565, 26.9599, 56.8515
YIQ	145.8800, 1.5990, 31.6070

Conversions

Conversions Part 2

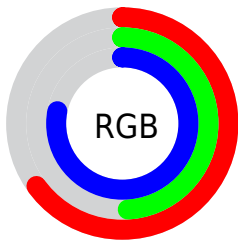
Format	Color
RYB	167, 125, 198
Decimal	10976710
CIELab	58.94, 30.03, -31.85
CIELCh	59, 43.772, 313.318
Yxy	26.9599, 0.2853, 0.2299
Android (android.graphics.Color)	4289166790 (0xFFA77DC6)
YUV	145.8800, 25.6952, 18.5222
Hunter-Lab	51.9229, 24.1514, -28.5718

Details

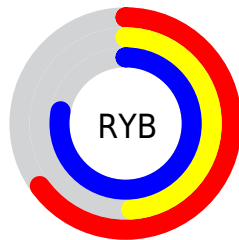
The Yxy color **26.9599, 0.2853, 0.2299** is a light color, and the websafe version is hex **996699**. A complement of this color would be **48.9282, 0.3316, 0.4314**, and the grayscale version is **28.5854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7488, 0.2915, 0.2478**, and **10.6232, 0.2745, 0.2013** is the 20% darker color. If you saturate the color by 10%, you get **21.5508, 0.2754, 0.2013**, and if you desaturate by 10%, it is **33.4298, 0.2942, 0.2585**.

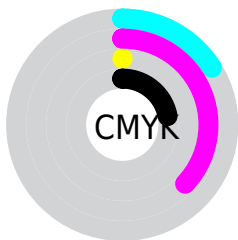
Distribution



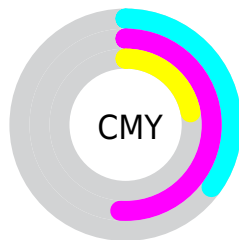
- Red (65%)
- Green (49%)
- Blue (78%)



- Red (65%)
- Yellow (49%)
- Blue (78%)



- Cyan (16%)
- Magenta (37%)
- Yellow (0%)
- Black (22%)





- Cyan (35%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9599, 0.2853, 0.2299 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 26.9599, 0.2853, 0.2299 by changing the saturation by 10% instead.


 26.9599, 0.2853,
0.2299


 26.9599, 0.2853,
0.2299


287.4629, 0.3012,
0.2799


 17.5431, 0.2807,
0.2175


 54.8195, 0.2916,
0.2480

 10.6225, 0.2743,
0.2017


 74.0311, 0.2938,
0.2549

 5.8136, 0.2652,
0.1810


 97.2765, 0.2956,
0.2606

 2.7321, 0.2512,
0.1531

124.9399, 0.2971,
0.2656

 0.9935, 0.2279,
0.1145

157.4059, 0.2983,
0.2699

 0.0000, 0.1928,
0.0000

195.0588, 0.2994,

 0.0000, 0.0000,

0.2736

0.0000

238.2830, 0.3003,
0.2769

■ 26.9599, 0.2853,
0.2299

■ 26.9599, 0.2853,
0.2299

■ 21.5508, 0.2754,
0.2013

■ 33.4298, 0.2942,
0.2585

■ 17.1384, 0.2646,
0.1739

■ 41.0131, 0.3020,
0.2861

■ 13.6567, 0.2533,
0.1489


■ 49.7627, 0.3087,
0.3122


■ 11.0299, 0.2419,
0.1277


■ 59.7271, 0.3144,
0.3364

■ 9.1698, 0.2308,
0.1113

■ 70.9520, 0.3191,
0.3586

 7.9589, 0.2204,
0.1001

 83.4807, 0.3231,
0.3786

 7.6436, 0.2173,
0.0971

 91.7425, 0.3273,
0.3886

 93.1349, 0.3328,
0.3876

 94.5950, 0.3384,
0.3866

Harmonies

Analogous

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



26.9599, 0.2265, 0.2173



26.9599, 0.2853, 0.2299



26.9599, 0.3599, 0.2625

Triad

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



26.9599, 0.2853, 0.2299



26.9599, 0.4438, 0.4164



26.9599, 0.2083, 0.3349

Complementary

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



26.9599, 0.2853, 0.2299



48.9282, 0.3316, 0.4314

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.



26.9599, 0.2580, 0.4120



26.9599, 0.2853, 0.2299



26.9599, 0.3942, 0.4562

Square

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



26.9599, 0.2853, 0.2299



26.9599, 0.4578, 0.3633



26.9599, 0.3261, 0.4598



26.9599, 0.1864, 0.2678

Rectangle

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



26.9599, 0.2853, 0.2299



26.9599, 0.4070, 0.2927



26.9599, 0.3261, 0.4598



26.9599, 0.2220, 0.3612

Sweetspot

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



26.9610, 0.2853, 0.2299



81.1999, 0.3060, 0.3012



32.4277, 0.2530, 0.2677



16.9237, 0.3050, 0.2976



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



26.9610, 0.2853, 0.2299



40.1171, 0.2776, 0.2075



30.5298, 0.3219, 0.2441



10.5835, 0.3071, 0.3058



5.0235, 0.2186, 0.0978



0.2799, 0.2396, 0.1093

Inverse Universe

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



29.0756, 0.3632, 0.2883



44.5835, 0.3789, 0.2797



46.3471, 0.3044, 0.4319



10.7105, 0.3224, 0.3192



8.2416, 0.5254, 0.2668



0.4047, 0.4724, 0.2376

Previews

White Background



This preview shows how the Yxy color 26.9599, 0.2853, 0.2299 looks on a white background.

Color Contrast Check

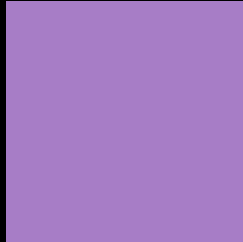
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9599, 0.2853, 0.2299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

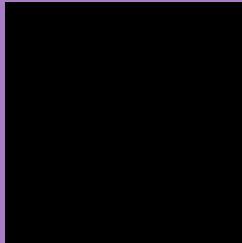
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9599, 0.2853, 0.2299

Background



This preview shows how black text looks on a background with the Yxy color 26.9599, 0.2853, 0.2299.



This preview shows how white text looks on a background with the Yxy color 26.9599, 0.2853, 0.2299.

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

26.9599, 0.2853, 0.2299

Protanopia

27.3312, 0.2371, 0.2265

Deuteranopia

27.0563, 0.2514, 0.2457



Tritanopia

27.0546, 0.3279, 0.3136

Trichromacy



Original Color

26.9599, 0.2853, 0.2299

Protanomaly

27.0184, 0.2517, 0.2270

Deuteranomaly

26.8889, 0.2624, 0.2397

Tritanomaly

26.9005, 0.3117, 0.2801

Monochromacy



Original Color

26.9599, 0.2853, 0.2299

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.7636, 0.3030, 0.2880

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9599, 0.2853, 0.2299 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(167, 125, 198)` looks like.

```
.text, #text, p{  
    color:rgb(167, 125, 198)  
}
```

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(167, 125, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 125, 198) }
```

Border

The CSS property to change the border of an element to Yxy 26.9599, 0.2853, 0.2299 is called "border". The border property can be set on classes, ids or directly on the HTML element.

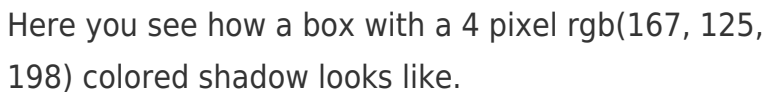
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 125, 198) }
```

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

```
.border{ border-color:rgb(167, 125, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 125, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 125, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 125, 198); box-shadow:4px 4px 4px 4px rgb(167, 125, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9599, 0.2853, 0.2299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 125, 198) }
```

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

```
.background{ background-color: rgb(167,  
125, 198) }
```

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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