

Converting Colors

$Y_{xy}(26.6609, 0.3476, 0.2861)$

Have a look what the booklet for
Yxy(26.6609, 0.3476, 0.2861)
contains.

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Color

Yxy(26.6935, 0.3475, 0.2869)

Conversions

Conversions Part 1

Format	Color
Hex	B67C9A
RGB	182, 124, 154
RGB Percent	71%, 49%, 60%
CMY	0.2863, 0.5137, 0.3961
CMYK	0.00, 0.32, 0.15, 0.29
HSL	329°, 28%, 60%
HSV	329°, 32%, 71%
XYZ	32.3318, 26.6935, 34.0158
YIQ	144.7620, 24.9380, 21.6260

Conversions

Conversions Part 2

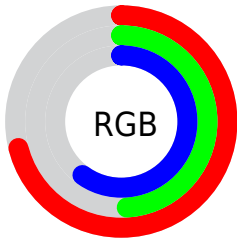
Format	Color
R _Y B	182, 124, 154
Decimal	11959450
CIE Lab	58.69, 27.10, -6.93
CIE LCh	59, 27.969, 345.649
Yxy	26.6935, 0.3475, 0.2869
Android (android.graphics.Color)	4290149530 (0xFFB67C9A)
YUV	144.7620, 4.5543, 32.6577
Hunter-Lab	51.6658, 21.2880, -2.8695

Details

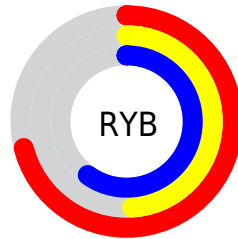
The Yxy color **26.6935, 0.3475, 0.2869** is a light color, and the websafe version is hex **996699**. A complement of this color would be **40.0106, 0.2883, 0.3756**, and the grayscale version is **28.1880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3491, 0.3409, 0.2955**, and **10.4660, 0.3594, 0.2726** is the 20% darker color. If you saturate the color by 10%, you get **22.2638, 0.3629, 0.2734**, and if you desaturate by 10%, it is **31.9890, 0.3344, 0.3006**.

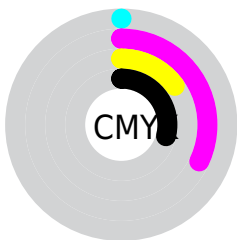
Distribution



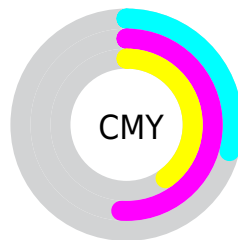
- Red (71%)
- Green (49%)
- Blue (60%)



- Red (71%)
- Yellow (49%)
- Blue (60%)



- Cyan (0%)
- Magenta (32%)
- Yellow (15%)
- Black (29%)




- Cyan (29%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6935, 0.3475, 0.2869 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 26.6935, 0.3475, 0.2869 by changing the saturation by 10% instead.


 26.6935, 0.3475,
0.2869


 26.6935, 0.3475,
0.2869


286.1700, 0.3288,
0.3092


 17.3432, 0.3526,
0.2809


 54.3916, 0.3404,
0.2953

 10.4795, 0.3595,
0.2729


 73.5082, 0.3378,
0.2984

 5.7180, 0.3692,
0.2617


 96.6490, 0.3357,
0.3009

 2.6744, 0.3840,
0.2451

124.1985, 0.3339,
0.3031

 0.9642, 0.4090,
0.2179

156.5409, 0.3324,
0.3050

 0.0000, 0.6158,
0.0000

194.0607, 0.3310,

 0.0000, 0.0000,

0.3066

0.0000

237.1423, 0.3299,
0.3080

■ 26.6935, 0.3475,
0.2869

■ 26.6935, 0.3475,
0.2869

■ 22.2638, 0.3629,
0.2734

■ 31.9890, 0.3344,
0.3006

■ 18.6493, 0.3808,
0.2609

■ 38.1900, 0.3234,
0.3140

■ 15.8001, 0.4011,
0.2503


■ 45.3379, 0.3142,
0.3267

■ 13.6588, 0.4232,
0.2428


■ 53.4708, 0.3067,
0.3387


■ 12.1600, 0.4465,
0.2397


■ 62.6243, 0.3004,
0.3498

 11.2261, 0.4699,
0.2417

 72.8325, 0.2952,
0.3600

 10.7555, 0.4885,
0.2465

 84.1279, 0.2909,
0.3694

 86.8646, 0.2864,
0.3630

 87.3549, 0.2819,
0.3530

Harmonies

Analogous

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



26.6935, 0.2995, 0.2630



26.6935, 0.3475, 0.2869



26.6935, 0.3879, 0.3207

Triad

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



26.6935, 0.3475, 0.2869



26.6935, 0.3652, 0.4126



26.6935, 0.2272, 0.2885

Complementary

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



26.6935, 0.3475, 0.2869



40.0106, 0.2883, 0.3756

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.



26.6935, 0.2419, 0.3308



26.6935, 0.3475, 0.2869



26.6935, 0.3202, 0.4084

Square

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



26.6935, 0.3475, 0.2869



26.6935, 0.3975, 0.3923



26.6935, 0.2753, 0.3770



26.6935, 0.2330, 0.2617

Rectangle

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



26.6935, 0.3475, 0.2869



26.6935, 0.4033, 0.3458



26.6935, 0.2753, 0.3770



26.6935, 0.2298, 0.3012

Sweetspot

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



26.6947, 0.3475, 0.2869



71.3123, 0.3217, 0.3162



24.3800, 0.2835, 0.2431



15.3712, 0.3231, 0.3143



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



26.6947, 0.3475, 0.2869



42.7863, 0.3577, 0.2777



25.8667, 0.3819, 0.3264



9.0877, 0.3209, 0.3172



7.6085, 0.4860, 0.2451



0.2807, 0.4325, 0.2156

Inverse Universe

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



26.6947, 0.3475, 0.2869



42.7863, 0.3577, 0.2777



41.0412, 0.2691, 0.3317



9.0877, 0.3209, 0.3172



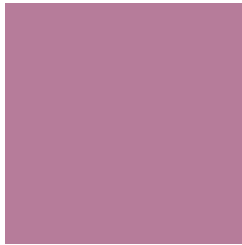
7.6085, 0.4860, 0.2451



0.2807, 0.4325, 0.2156

Previews

White Background



This preview shows how the Yxy color 26.6935, 0.3475, 0.2869 looks on a white background.

Color Contrast Check

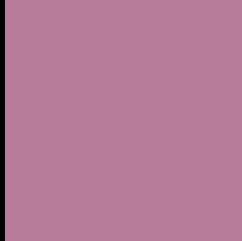
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6935, 0.3475, 0.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

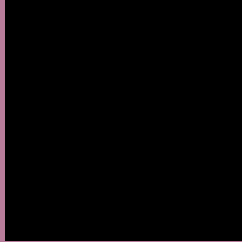
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6935, 0.3475, 0.2869

Background



This preview shows how black text looks on a background with the Yxy color 26.6935, 0.3475, 0.2869.



This preview shows how white text looks on a background with the Yxy color 26.6935, 0.3475, 0.2869.

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

26.6935, 0.3475, 0.2869

Protanopia

26.7549, 0.2868, 0.2907

Deuteranopia

26.7376, 0.3127, 0.3054



Tritanopia

26.6882, 0.3647, 0.3147

Trichromacy



Original Color

26.6935, 0.3475, 0.2869

Protanomaly

26.3606, 0.3070, 0.2889

Deuteranomaly

26.4838, 0.3243, 0.2972

Tritanomaly

26.7286, 0.3589, 0.3048

Monochromacy



Original Color

26.6935, 0.3475, 0.2869

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.2985, 0.3245, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6935, 0.3475, 0.2869 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(182, 124, 154)` looks like.

```
.text, #text, p{  
    color:rgb(182, 124, 154)  
}
```

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(182, 124, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 124, 154) }
```

Border

The CSS property to change the border of an element to Yxy 26.6935, 0.3475, 0.2869 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(182, 124, 154) }
```

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

```
.border{ border-color:rgb(182, 124, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 124, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 124, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 124, 154);  
box-shadow:4px 4px 4px 4px rgb(182, 124,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6935, 0.3475, 0.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 124, 154) }
```

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

```
.background{ background-color: rgb(182,  
124, 154) }
```

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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