

Converting Colors

$Y_{xy}(26.0759, 0.3467, 0.2839)$

Have a look what the booklet for
Yxy(26.0759, 0.3467, 0.2839)
contains.

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Color

Yxy(26.0759, 0.3467, 0.2839)

Conversions

Conversions Part 1

Format	Color
Hex	B57A9A
RGB	181, 122, 154
RGB Percent	71%, 48%, 60%
CMY	0.2903, 0.5215, 0.3961
CMYK	0.00, 0.33, 0.15, 0.29
HSL	327°, 28%, 59%
HSV	327°, 33%, 71%
XYZ	31.8440, 26.0759, 33.9290
YIQ	143.2890, 24.8920, 22.4600

Conversions

Conversions Part 2

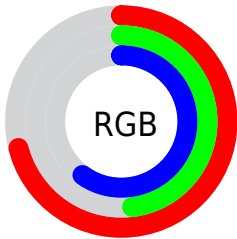
Format	Color
R _Y B	181, 122, 154
Decimal	11893402
CIE Lab	58.11, 27.83, -7.82
CIE LCh	58, 28.911, 344.312
Yxy	26.0759, 0.3467, 0.2839
Android (android.graphics.Color)	4290083482 (0xFFB57A9A)
YUV	143.2890, 5.2805, 33.0725
Hunter-Lab	51.0646, 21.9501, -3.6490

Details

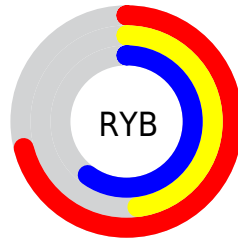
The Yxy color **26.0759, 0.3467, 0.2839** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.3454, 0.2889, 0.3792**, and the grayscale version is **27.5613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3912, 0.3404, 0.2932**, and **10.1260, 0.3584, 0.2685** is the 20% darker color. If you saturate the color by 10%, you get **21.7719, 0.3614, 0.2699**, and if you desaturate by 10%, it is **31.2289, 0.3341, 0.2982**.

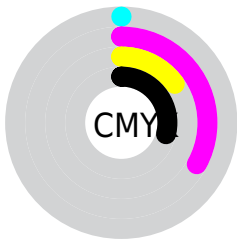
Distribution



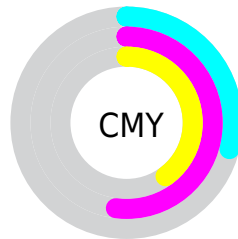
- Red (71%)
- Green (48%)
- Blue (60%)



- Red (71%)
- Yellow (48%)
- Blue (60%)



- Cyan (0%)
- Magenta (33%)
- Yellow (15%)
- Black (29%)





- Cyan (29%)
- Magenta (52%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0759, 0.3467, 0.2839 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 26.0759, 0.3467, 0.2839 by changing the saturation by 10% instead.


 26.0759, 0.3467,
0.2839

 26.0759, 0.3467,
0.2839


283.1545, 0.3285,
0.3078


 16.8804, 0.3517,
0.2775


 53.3974, 0.3398,
0.2929

 10.1493, 0.3584,
0.2689


 72.2922, 0.3373,
0.2962

 5.4980, 0.3679,
0.2569


 95.1888, 0.3352,
0.2990

 2.5423, 0.3823,
0.2391

122.4718, 0.3334,
0.3013

 0.8978, 0.4067,
0.2100

154.5255, 0.3319,
0.3033

 0.0000, 0.6013,
0.0000

191.7342, 0.3306,

 0.0000, 0.0000,

0.3050

0.0000

234.4824, 0.3295,
0.3065

■ 26.0759, 0.3467,
0.2839

■ 26.0759, 0.3467,
0.2839

■ 21.7719, 0.3614,
0.2699

■ 31.2289, 0.3341,
0.2982

■ 18.2669, 0.3784,
0.2568

■ 37.2702, 0.3236,
0.3123

■ 15.5112, 0.3975,
0.2459


■ 44.2408, 0.3147,
0.3257

■ 13.4479, 0.4182,
0.2381


■ 52.1782, 0.3074,
0.3383

■ 12.0121, 0.4400,
0.2348


■ 61.1179, 0.3013,
0.3500


 11.1260, 0.4617,
0.2366

 71.0934, 0.2963,
0.3608

 10.7061, 0.4776,
0.2405

 82.1368, 0.2921,
0.3707

 86.5201, 0.2880,
0.3677

 86.9703, 0.2837,
0.3582

Harmonies

Analogous

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



26.0759, 0.2967, 0.2597



26.0759, 0.3467, 0.2839



26.0759, 0.3896, 0.3185

Triad

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



26.0759, 0.3467, 0.2839



26.0759, 0.3691, 0.4156



26.0759, 0.2242, 0.2883

Complementary

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



26.0759, 0.3467, 0.2839



39.3454, 0.2889, 0.3792

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.



26.0759, 0.2403, 0.3329



26.0759, 0.3467, 0.2839



26.0759, 0.3226, 0.4128

Square

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



26.0759, 0.3467, 0.2839



26.0759, 0.4019, 0.3932



26.0759, 0.2755, 0.3811



26.0759, 0.2292, 0.2598

Rectangle

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



26.0759, 0.3467, 0.2839



26.0759, 0.4065, 0.3445



26.0759, 0.2755, 0.3811



26.0759, 0.2272, 0.3018

Sweetspot

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



26.0771, 0.3467, 0.2839



69.6270, 0.3213, 0.3156



23.6054, 0.2817, 0.2408



14.6925, 0.3226, 0.3137



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.



26.0771, 0.3467, 0.2839



41.1100, 0.3569, 0.2739



25.2236, 0.3827, 0.3249



8.5798, 0.3205, 0.3167



7.3971, 0.4751, 0.2391



0.2443, 0.4213, 0.2094

Inverse Universe

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



26.0771, 0.3467, 0.2839



41.1100, 0.3569, 0.2739



40.3913, 0.2689, 0.3333



8.5798, 0.3205, 0.3167



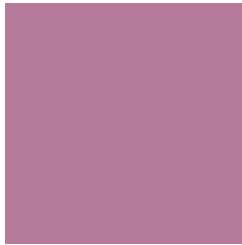
7.3971, 0.4751, 0.2391



0.2443, 0.4213, 0.2094

Previews

White Background



This preview shows how the Yxy color 26.0759, 0.3467, 0.2839 looks on a white background.

Color Contrast Check

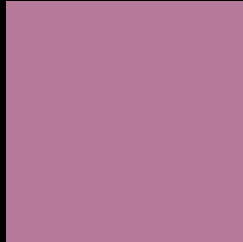
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0759, 0.3467, 0.2839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

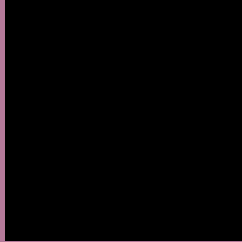
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0759, 0.3467, 0.2839

Background



This preview shows how black text looks on a background with the Yxy color 26.0759, 0.3467, 0.2839.



This preview shows how white text looks on a background with the Yxy color 26.0759, 0.3467, 0.2839.

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

26.0759, 0.3467, 0.2839

Protanopia

26.3327, 0.2838, 0.2873

Deuteranopia

26.1386, 0.3106, 0.3051



Tritanopia

26.0002, 0.3666, 0.3146

Trichromacy



Original Color

26.0759, 0.3467, 0.2839

Protanomaly

26.0237, 0.3049, 0.2858

Deuteranomaly

25.9732, 0.3233, 0.2969

Tritanomaly

26.0716, 0.3595, 0.3032

Monochromacy



Original Color

26.0759, 0.3467, 0.2839

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.6026, 0.3248, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0759, 0.3467, 0.2839 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, 122, 154)` looks like.

```
.text, #text, p{  
    color:rgb(181, 122, 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(181, 122, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 122, 154) }
```

Border

The CSS property to change the border of an element to Yxy 26.0759, 0.3467, 0.2839 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, 122, 154) }
```

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

```
.border{ border-color:rgb(181, 122, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 122, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 122, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 122, 154);  
box-shadow:4px 4px 4px 4px rgb(181, 122,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0759, 0.3467, 0.2839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 122, 154) }
```

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

```
.background{ background-color: rgb(181,  
122, 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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