

Converting Colors

$Y_{xy}(26.0140, 0.3239, 0.2845)$

Have a look what the booklet for
Yxy(26.0140, 0.3239, 0.2845)
contains.

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Color

Yxy(26.0140, 0.3239, 0.2845)

Conversions

Conversions Part 1

Format	Color
Hex	A6809E
RGB	166, 128, 158
RGB Percent	65%, 50%, 62%
CMY	0.3490, 0.4980, 0.3804
CMYK	0.00, 0.23, 0.05, 0.35
HSL	313°, 18%, 58%
HSV	313°, 23%, 65%
XYZ	29.6166, 26.0140, 35.8070
YIQ	142.7820, 13.0180, 17.3860

Conversions

Conversions Part 2

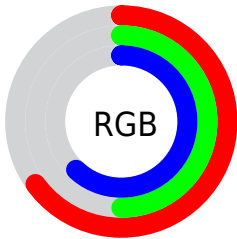
Format	Color
RYB	166, 128, 158
Decimal	10911902
CIELab	58.05, 19.79, -10.38
CIELCh	58, 22.348, 332.337
Yxy	26.0140, 0.3239, 0.2845
Android (android.graphics.Color)	4289101982 (0xFFA6809E)
YUV	142.7820, 7.5025, 20.3622
Hunter-Lab	51.0039, 14.3934, -5.9214

Details

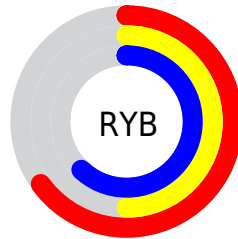
The Yxy color **26.0140, 0.3239, 0.2845** is a light color, and the websafe version is hex **996699**. A complement of this color would be **33.6404, 0.3032, 0.3780**, and the grayscale version is **27.3431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2240, 0.3211, 0.2929**, and **10.0877, 0.3275, 0.2682** is the 20% darker color. If you saturate the color by 10%, you get **21.9143, 0.3300, 0.2646**, and if you desaturate by 10%, it is **30.8279, 0.3186, 0.3043**.

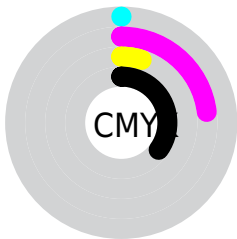
Distribution



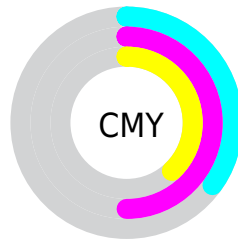
- Red (65%)
- Green (50%)
- Blue (62%)



- Red (65%)
- Yellow (50%)
- Blue (62%)



- Cyan (0%)
- Magenta (23%)
- Yellow (5%)
- Black (35%)





- Cyan (35%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0140, 0.3239, 0.2845 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 26.0140, 0.3239, 0.2845 by changing the saturation by 10% instead.


 26.0140, 0.3239,
0.2845


 26.0140, 0.3239,
0.2845

282.8508, 0.3181,
0.3081


 16.8341, 0.3254,
0.2781


 53.2975, 0.3218,
0.2934

 10.1163, 0.3273,
0.2697


 72.1700, 0.3210,
0.2967

 5.4761, 0.3300,
0.2578


 95.0420, 0.3203,
0.2994

 2.5292, 0.3337,
0.2402

122.2981, 0.3197,
0.3017

 0.8912, 0.3392,
0.2113

154.3227, 0.3193,
0.3036

 0.0000, 0.3618,
0.0000

191.5000, 0.3188,

 0.0000, 0.0000,

0.3053

0.0000

234.2146, 0.3185,
0.3068

■ 26.0140, 0.3239,
0.2845

■ 26.0140, 0.3239,
0.2845

■ 21.9143, 0.3300,
0.2646

■ 30.8279, 0.3186,
0.3043

■ 18.4908, 0.3367,
0.2453

■ 36.3847, 0.3139,
0.3236

■ 15.7075, 0.3442,
0.2274

■ 42.7156, 0.3100,
0.3419

■ 13.5235, 0.3521,
0.2120

■ 49.8491, 0.3066,
0.3591

■ 11.8929, 0.3602,
0.1999

■ 57.8123, 0.3037,
0.3751

■ 10.7637, 0.3685,
0.1919

■ 66.6307, 0.3013,
0.3899

■ 10.0733, 0.3764,
0.1884

■ 76.3292, 0.2993,
0.4034

■ 9.7469, 0.3820,
0.1878

■ 83.1711, 0.2975,
0.4101

■ 83.3216, 0.2957,
0.4058

Harmonies

Analogous

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



26.0140, 0.2862, 0.2697



26.0140, 0.3239, 0.2845



26.0140, 0.3605, 0.3096

Triad

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



26.0140, 0.3239, 0.2845



26.0140, 0.3690, 0.3915



26.0140, 0.2462, 0.3110

Complementary

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



26.0140, 0.3239, 0.2845



33.6404, 0.3032, 0.3780

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.



26.0140, 0.2658, 0.3476



26.0140, 0.3239, 0.2845



26.0140, 0.3362, 0.3966

Square

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



26.0140, 0.3239, 0.2845



26.0140, 0.3870, 0.3699



26.0140, 0.2984, 0.3804



26.0140, 0.2433, 0.2826

Rectangle

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



26.0140, 0.3239, 0.2845



26.0140, 0.3783, 0.3297



26.0140, 0.2984, 0.3804



26.0140, 0.2509, 0.3227

Sweetspot

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



26.0151, 0.3239, 0.2845



61.5888, 0.3158, 0.3155



23.3937, 0.2826, 0.2677



13.6548, 0.3161, 0.3144



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.



26.0151, 0.3239, 0.2845



43.6248, 0.3266, 0.2753



25.4225, 0.3450, 0.3117



7.6391, 0.3168, 0.3114



7.5650, 0.3814, 0.1875



0.1907, 0.3580, 0.1746

Inverse Universe

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



26.0151, 0.3239, 0.2845



43.6248, 0.3266, 0.2753



34.2159, 0.2883, 0.3471



7.6391, 0.3168, 0.3114



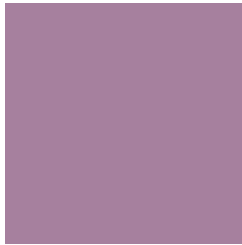
7.5650, 0.3814, 0.1875



0.1907, 0.3580, 0.1746

Previews

White Background



This preview shows how the Yxy color 26.0140, 0.3239, 0.2845 looks on a white background.

Color Contrast Check

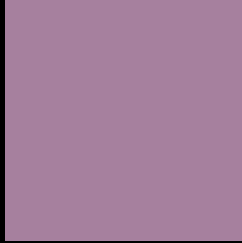
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0140, 0.3239, 0.2845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

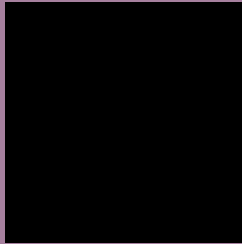
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0140, 0.3239, 0.2845

Background



This preview shows how black text looks on a background with the Yxy color 26.0140, 0.3239, 0.2845.



This preview shows how white text looks on a background with the Yxy color 26.0140, 0.3239, 0.2845.

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

26.0140, 0.3239, 0.2845

Protanopia

26.3327, 0.2838, 0.2873

Deuteranopia

26.1196, 0.3034, 0.2973



Tritanopia

26.0482, 0.3401, 0.3138

Trichromacy



Original Color

26.0140, 0.3239, 0.2845

Protanomaly

26.0476, 0.2976, 0.2866

Deuteranomaly

25.9817, 0.3101, 0.2918

Tritanomaly

26.0712, 0.3347, 0.3033

Monochromacy



Original Color

26.0140, 0.3239, 0.2845

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.8944, 0.3167, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0140, 0.3239, 0.2845 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, 128, 158)` looks like.

```
.text, #text, p{  
    color:rgb(166, 128, 158)  
}
```

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, 128, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 128, 158) }
```

Border

The CSS property to change the border of an element to Yxy 26.0140, 0.3239, 0.2845 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, 128, 158) }
```

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

```
.border{ border-color:rgb(166, 128, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 128, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 128, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 128, 158);  
box-shadow:4px 4px 4px 4px rgb(166, 128,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0140, 0.3239, 0.2845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 128, 158) }
```

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

```
.background{ background-color: rgb(166,  
128, 158) }
```

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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