

Converting Colors

$Y_{xy}(26.1283, 0.2955, 0.2623)$

Have a look what the booklet for
Yxy(26.1283, 0.2955, 0.2623)
contains.

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Color

Yxy(26.1283, 0.2955, 0.2623)

Conversions

Conversions Part 1

Format	Color
Hex	9C82AF
RGB	156, 130, 175
RGB Percent	61%, 51%, 69%
CMY	0.3881, 0.4902, 0.3137
CMYK	0.11, 0.26, 0.00, 0.31
HSL	275°, 22%, 60%
HSV	275°, 26%, 69%
XYZ	29.4354, 26.1283, 44.0485
YIQ	142.9040, 1.0510, 19.5070

Conversions

Conversions Part 2

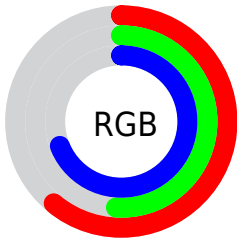
Format	Color
RYB	156, 130, 175
Decimal	10257071
CIELab	58.16, 18.63, -20.06
CIELCh	58, 27.378, 312.892
Yxy	26.1283, 0.2955, 0.2623
Android (android.graphics.Color)	4288447151 (0xFF9C82AF)
YUV	142.9040, 15.8233, 11.4852
Hunter-Lab	51.1158, 13.3378, -15.3114

Details

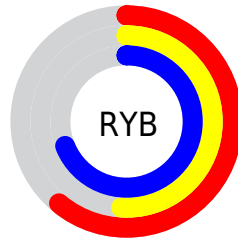
The Yxy color **26.1283, 0.2955, 0.2623** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.6566, 0.3262, 0.3973**, and the grayscale version is **27.3650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4854, 0.2992, 0.2749**, and **10.0855, 0.2886, 0.2407** is the 20% darker color. If you saturate the color by 10%, you get **21.1499, 0.2869, 0.2341**, and if you desaturate by 10%, it is **31.9453, 0.3030, 0.2895**.

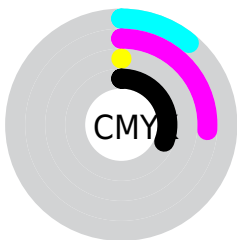
Distribution



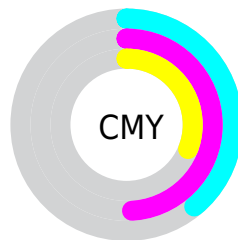
- Red (61%)
- Green (51%)
- Blue (69%)



- Red (61%)
- Yellow (51%)
- Blue (69%)



- Cyan (11%)
- Magenta (26%)
- Yellow (0%)
- Black (31%)




- Cyan (39%)
- Magenta (49%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1283, 0.2955, 0.2623 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 26.1283, 0.2955, 0.2623 by changing the saturation by 10% instead.


 26.1283, 0.2955,
0.2623


 26.1283, 0.2955,
0.2623


283.4113, 0.3054,
0.2972


 16.9196, 0.2926,
0.2531


 53.4819, 0.2994,
0.2753

 10.1772, 0.2885,
0.2410


 72.3955, 0.3008,
0.2801

 5.5166, 0.2824,
0.2245


 95.3130, 0.3019,
0.2841

 2.5535, 0.2728,
0.2007

122.6187, 0.3029,
0.2875

 0.9033, 0.2554,
0.1640

154.6970, 0.3036,
0.2905

 0.0000, 0.1791,
0.0000

191.9323, 0.3043,

 0.0000, 0.0000,

0.2930

0.0000

234.7089, 0.3049,
0.2952

■ 26.1283, 0.2955,
0.2623

■ 26.1283, 0.2955,
0.2623

■ 21.1499, 0.2869,
0.2341

■ 31.9453, 0.3030,
0.2895

■ 16.9659, 0.2773,
0.2058

■ 38.6356, 0.3095,
0.3152

■ 13.5331, 0.2668,
0.1784

■ 46.2359, 0.3149,
0.3389

■ 10.8027, 0.2557,
0.1532

■ 54.7797, 0.3195,
0.3607

■ 8.7198, 0.2445,
0.1315

■ 64.2990, 0.3233,
0.3804

7.2211, 0.2335,
0.1144

74.8241, 0.3264,
0.3982

6.2259, 0.2231,
0.1023

86.3839, 0.3289,
0.4141

5.8769, 0.2189,
0.0979

89.0660, 0.3334,
0.4151

90.2078, 0.3382,
0.4137

Harmonies

Analogous

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



26.1283, 0.2561, 0.2545



26.1283, 0.2955, 0.2623



26.1283, 0.3428, 0.2848

Triad

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



26.1283, 0.2955, 0.2623



26.1283, 0.3982, 0.3888



26.1283, 0.2452, 0.3351

Complementary

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



26.1283, 0.2955, 0.2623



38.6566, 0.3262, 0.3973

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.



26.1283, 0.2796, 0.3800



26.1283, 0.2955, 0.2623



26.1283, 0.3682, 0.4104

Square

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



26.1283, 0.2955, 0.2623



26.1283, 0.4046, 0.3547



26.1283, 0.3245, 0.4088



26.1283, 0.2288, 0.2924

Rectangle

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



26.1283, 0.2955, 0.2623



26.1283, 0.3718, 0.3058



26.1283, 0.3245, 0.4088



26.1283, 0.2549, 0.3507

Sweetspot

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



26.1294, 0.2955, 0.2623



66.1498, 0.3080, 0.3091



29.4920, 0.2721, 0.2890



14.2969, 0.3071, 0.3054



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



26.1294, 0.2955, 0.2623



41.4322, 0.2906, 0.2460



28.0553, 0.3188, 0.2701



7.9774, 0.3073, 0.3062



4.2455, 0.2200, 0.0985



0.1494, 0.2507, 0.1155

Inverse Universe

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



27.2453, 0.3440, 0.3015



43.8554, 0.3534, 0.2950



37.0980, 0.3070, 0.3959



8.0693, 0.3223, 0.3195



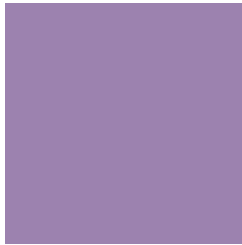
6.8901, 0.5252, 0.2667



0.2028, 0.4485, 0.2244

Previews

White Background



This preview shows how the Yxy color 26.1283, 0.2955, 0.2623 looks on a white background.

Color Contrast Check

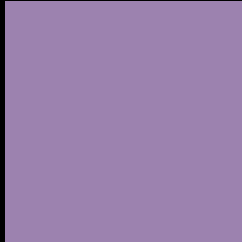
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1283, 0.2955, 0.2623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

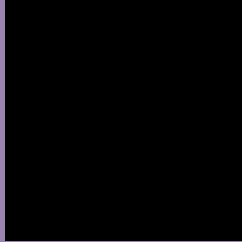
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1283, 0.2955, 0.2623

Background



This preview shows how black text looks on a background with the Yxy color 26.1283, 0.2955, 0.2623.



This preview shows how white text looks on a background with the Yxy color 26.1283, 0.2955, 0.2623.

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

26.1283, 0.2955, 0.2623

Protanopia

26.1803, 0.2647, 0.2617

Deuteranopia

26.1816, 0.2768, 0.2710



Tritanopia

25.9826, 0.3191, 0.3115

Trichromacy



Original Color

26.1283, 0.2955, 0.2623

Protanomaly

26.0716, 0.2752, 0.2614

Deuteranomaly

25.9458, 0.2833, 0.2674

Tritanomaly

25.9817, 0.3101, 0.2918

Monochromacy



Original Color

26.1283, 0.2955, 0.2623

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.8394, 0.3065, 0.3022

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1283, 0.2955, 0.2623 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(156, 130, 175)` looks like.

```
.text, #text, p{  
    color:rgb(156, 130, 175)  
}
```

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(156, 130, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 130, 175) }
```

Border

The CSS property to change the border of an element to Yxy 26.1283, 0.2955, 0.2623 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(156, 130, 175) }
```

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

```
.border{ border-color:rgb(156, 130, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 130, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 130, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 130, 175);  
box-shadow:4px 4px 4px 4px rgb(156, 130,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1283, 0.2955, 0.2623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 130, 175) }
```

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

```
.background{ background-color: rgb(156,  
130, 175) }
```

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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