

Converting Colors

$Y_{xy}(26.4883, 0.2959, 0.2649)$

Have a look what the booklet for
Yxy(26.4883, 0.2959, 0.2649)
contains.

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Color

Yxy(26.3957, 0.2955, 0.2638)

Conversions

Conversions Part 1

Format	Color
Hex	9C83AF
RGB	156, 131, 175
RGB Percent	61%, 51%, 69%
CMY	0.3882, 0.4863, 0.3137
CMYK	0.11, 0.25, 0.00, 0.31
HSL	274°, 22%, 60%
HSV	274°, 25%, 69%
XYZ	29.5676, 26.3957, 44.0962
YIQ	143.4910, 0.7760, 18.9840

Conversions

Conversions Part 2

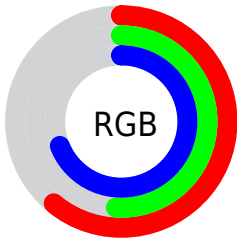
Format	Color
RYB	156, 131, 175
Decimal	10257327
CIELab	58.41, 18.05, -19.68
CIELCh	58, 26.704, 312.535
Yxy	26.3957, 0.2955, 0.2638
Android (android.graphics.Color)	4288447407 (0xFF9C83AF)
YUV	143.4910, 15.5339, 10.9704
Hunter-Lab	51.3767, 12.8184, -14.9244

Details

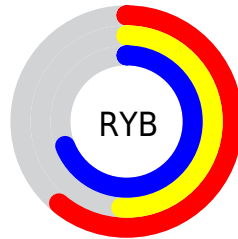
The Yxy color $26.3957, 0.2955, 0.2638$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $38.7827, 0.3264, 0.3955$, and the grayscale version is $27.6125, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.8994, 0.2992, 0.2760$, and $10.2331, 0.2886, 0.2428$ is the 20% darker color. If you saturate the color by 10%, you get $21.3564, 0.2867, 0.2356$, and if you desaturate by 10%, it is $32.2780, 0.3032, 0.2910$.

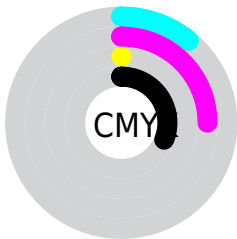
Distribution



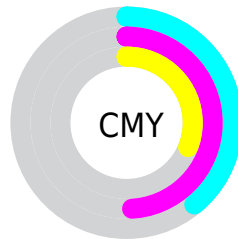
- Red (61%)
- Green (51%)
- Blue (69%)



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



- Cyan (11%)
- Magenta (25%)
- Yellow (0%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3957, 0.2955, 0.2638 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 26.3957, 0.2955, 0.2638 by changing the saturation by 10% instead.

■ 26.3957, 0.2955,
0.2638

■ 26.3957, 0.2955,
0.2638

■ 284.7192, 0.3054,
0.2979

■ 17.1199, 0.2926,
0.2548

■ 53.9126, 0.2994,
0.2765

■ 10.3200, 0.2885,
0.2430

■ 72.9225, 0.3008,
0.2812

■ 5.6116, 0.2826,
0.2269

■ 95.9459, 0.3019,
0.2851

■ 2.6104, 0.2731,
0.2036

■ 123.3672, 0.3028,
0.2885

■ 0.9319, 0.2560,
0.1675

■ 155.5708, 0.3036,
0.2913

■ 0.0000, 0.1854,
0.0000

■ 192.9411, 0.3043,

■ 0.0000, 0.0000,

0.2938

0.0000

235.8624, 0.3049,
0.2960

■ 26.3957, 0.2955,
0.2638

■ 26.3957, 0.2955,
0.2638

■ 21.3564, 0.2867,
0.2356

■ 32.2780, 0.3032,
0.2910

■ 17.1160, 0.2769,
0.2071

■ 39.0380, 0.3097,
0.3166

■ 13.6316, 0.2662,
0.1794

■ 46.7121, 0.3153,
0.3402

■ 10.8544, 0.2549,
0.1539

■ 55.3341, 0.3199,
0.3618

■ 8.7300, 0.2434,
0.1318

■ 64.9356, 0.3238,
0.3814

7.1955, 0.2322,
0.1142

75.5471, 0.3270,
0.3990

6.1737, 0.2216,
0.1018

87.1974, 0.3296,
0.4148

5.7770, 0.2167,
0.0967

89.2776, 0.3343,
0.4148

90.4569, 0.3393,
0.4134

Harmonies

Analogous

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



26.3957, 0.2572, 0.2564



26.3957, 0.2955, 0.2638



26.3957, 0.3414, 0.2856

Triad

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



26.3957, 0.2955, 0.2638



26.3957, 0.3961, 0.3870



26.3957, 0.2473, 0.3355

Complementary

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



26.3957, 0.2955, 0.2638



38.7827, 0.3264, 0.3955

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.



26.3957, 0.2810, 0.3790



26.3957, 0.2955, 0.2638



26.3957, 0.3672, 0.4080

Square

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



26.3957, 0.2955, 0.2638



26.3957, 0.4019, 0.3537



26.3957, 0.3248, 0.4066



26.3957, 0.2310, 0.2939

Rectangle

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



26.3957, 0.2955, 0.2638



26.3957, 0.3697, 0.3061



26.3957, 0.3248, 0.4066



26.3957, 0.2569, 0.3507

Sweetspot

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



26.3968, 0.2955, 0.2638



66.1216, 0.3079, 0.3091



29.7543, 0.2731, 0.2900



14.2895, 0.3069, 0.3053



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.



26.3968, 0.2955, 0.2638



42.2419, 0.2909, 0.2487



28.3273, 0.3186, 0.2714



7.9734, 0.3071, 0.3062



4.1737, 0.2178, 0.0974



0.1476, 0.2491, 0.1146

Inverse Universe

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



27.5474, 0.3426, 0.3015



44.7136, 0.3510, 0.2953



37.2062, 0.3072, 0.3942



8.0706, 0.3221, 0.3193



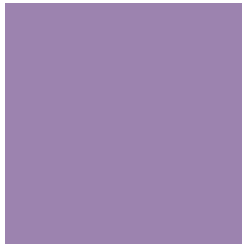
6.9073, 0.5211, 0.2644



0.2033, 0.4458, 0.2229

Previews

White Background



This preview shows how the Yxy color 26.3957, 0.2955, 0.2638 looks on a white background.

Color Contrast Check

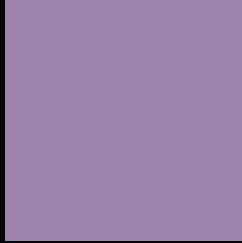
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3957, 0.2955, 0.2638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

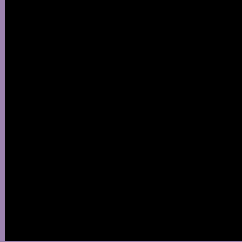
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3957, 0.2955, 0.2638

Background



This preview shows how black text looks on a background with the Yxy color 26.3957, 0.2955, 0.2638.



This preview shows how white text looks on a background with the Yxy color 26.3957, 0.2955, 0.2638.

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

26.3957, 0.2955, 0.2638

Protanopia

26.5473, 0.2658, 0.2635

Deuteranopia

26.5513, 0.2778, 0.2728



Tritanopia

26.3903, 0.3191, 0.3116

Trichromacy



Original Color

26.3957, 0.2955, 0.2638

Protanomaly

26.3520, 0.2753, 0.2629

Deuteranomaly

26.3132, 0.2844, 0.2691

Tritanomaly

26.2568, 0.3100, 0.2933

Monochromacy



Original Color

26.3957, 0.2955, 0.2638

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.1277, 0.3064, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3957, 0.2955, 0.2638 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, 131, 175)` looks like.

```
.text, #text, p{  
    color:rgb(156, 131, 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, 131, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 131, 175) }
```

Border

The CSS property to change the border of an element to Yxy 26.3957, 0.2955, 0.2638 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, 131, 175) }
```

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

```
.border{ border-color:rgb(156, 131, 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, 131, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 131, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 131, 175);  
box-shadow:4px 4px 4px 4px rgb(156, 131,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3957, 0.2955, 0.2638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 131, 175) }
```

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

```
.background{ background-color: rgb(156,  
131, 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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