

Converting Colors

$Y_{xy}(24.9069, 0.3005, 0.2625)$

Have a look what the booklet for
Yxy(24.9069, 0.3005, 0.2625)
contains.

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Color

Yxy(24.8919, 0.3003, 0.2630)

Conversions

Conversions Part 1

Format	Color
Hex	9C7EAA
RGB	156, 126, 170
RGB Percent	61%, 49%, 67%
CMY	0.3883, 0.5058, 0.3334
CMYK	0.08, 0.26, 0.00, 0.33
HSL	281°, 21%, 58%
HSV	281°, 26%, 67%
XYZ	28.4222, 24.8919, 41.3319
YIQ	139.9860, 3.7560, 20.0440

Conversions

Conversions Part 2

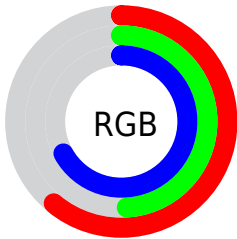
Format	Color
R _Y B	156, 126, 170
Decimal	10256042
CIE Lab	56.97, 19.83, -19.00
CIE LCh	57, 27.465, 316.223
Yxy	24.8919, 0.3003, 0.2630
Android (android.graphics.Color)	4288446122 (0xFF9C7EAA)
YUV	139.9860, 14.7969, 14.0443
Hunter-Lab	49.8918, 14.3767, -14.1934

Details

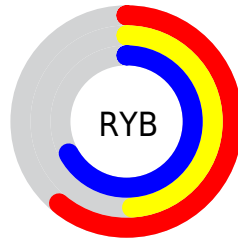
The Yxy color $24.8919, 0.3003, 0.2630$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $35.8310, 0.3221, 0.3985$, and the grayscale version is $26.1599, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.5253, 0.3037, 0.2766$, and $9.5588, 0.2940, 0.2416$ is the 20% darker color. If you saturate the color by 10%, you get $20.3796, 0.2940, 0.2359$, and if you desaturate by 10%, it is $30.1691, 0.3057, 0.2895$.

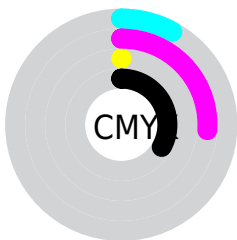
Distribution



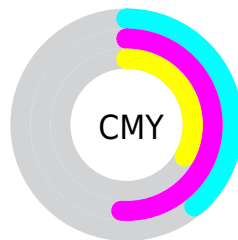
- Red (61%)
- Green (49%)
- Blue (67%)



- Red (61%)
- Yellow (49%)
- Blue (67%)



- Cyan (8%)
- Magenta (26%)
- Yellow (0%)
- Black (33%)




- Cyan (39%)
- Magenta (51%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8919, 0.3003, 0.2630 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 24.8919, 0.3003, 0.2630 by changing the saturation by 10% instead.

 24.8919, 0.3003,
0.2630


 24.8919, 0.3003,
0.2630


277.2992, 0.3077,
0.2978


 15.9965, 0.2980,
0.2538


 51.4818, 0.3033,
0.2761

 9.5217, 0.2948,
0.2415


 69.9451, 0.3043,
0.2808

 5.0830, 0.2898,
0.2247


 92.3666, 0.3052,
0.2848

 2.2960, 0.2817,
0.2003

119.1305, 0.3058,
0.2882

 0.7716, 0.2666,
0.1612

150.6213, 0.3064,
0.2911

 0.0000, 0.1465,
0.0000

187.2235, 0.3069,

 0.0000, 0.0000,

0.2936

0.0000

229.3213, 0.3073,
0.2958

■ 24.8919, 0.3003,
0.2630

■ 24.8919, 0.3003,
0.2630

■ 20.3796, 0.2940,
0.2359

■ 30.1691, 0.3057,
0.2895

■ 16.5915, 0.2869,
0.2090

■ 36.2432, 0.3104,
0.3149

■ 13.4877, 0.2792,
0.1833

■ 43.1479, 0.3142,
0.3386

■ 11.0231, 0.2709,
0.1601

■ 50.9141, 0.3174,
0.3605

■ 9.1472, 0.2623,
0.1405

■ 59.5712, 0.3200,
0.3805

■ 7.8014, 0.2538,
0.1252

■ 69.1472, 0.3221,
0.3987

■ 6.9092, 0.2456,
0.1146

■ 79.6687, 0.3237,
0.4151

■ 6.6018, 0.2423,
0.1108

■ 86.6079, 0.3259,
0.4235

■ 87.3639, 0.3294,
0.4225

Harmonies

Analogous

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



24.8919, 0.2587, 0.2532



24.8919, 0.3003, 0.2630



24.8919, 0.3486, 0.2873

Triad

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



24.8919, 0.3003, 0.2630



24.8919, 0.3975, 0.3931



24.8919, 0.2411, 0.3299

Complementary

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



24.8919, 0.3003, 0.2630



35.8310, 0.3221, 0.3985

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.



24.8919, 0.2743, 0.3765



24.8919, 0.3003, 0.2630



24.8919, 0.3647, 0.4132

Square

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



24.8919, 0.3003, 0.2630



24.8919, 0.4071, 0.3592



24.8919, 0.3194, 0.4085



24.8919, 0.2267, 0.2876

Rectangle

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



24.8919, 0.3003, 0.2630



24.8919, 0.3773, 0.3093



24.8919, 0.3194, 0.4085



24.8919, 0.2503, 0.3458

Sweetspot

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



24.8930, 0.3003, 0.2630



63.1285, 0.3094, 0.3092



26.2925, 0.2713, 0.2815



13.7052, 0.3087, 0.3055



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



24.8930, 0.3003, 0.2630



40.3430, 0.2968, 0.2476



26.1029, 0.3235, 0.2758



7.5450, 0.3089, 0.3064



4.8877, 0.2431, 0.1113



0.1445, 0.2699, 0.1261

Inverse Universe

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



25.3651, 0.3494, 0.3080



41.4085, 0.3604, 0.3032



34.8858, 0.3035, 0.3888



7.5803, 0.3238, 0.3218



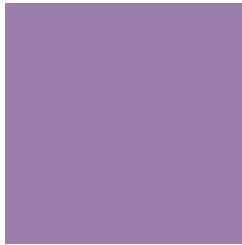
6.4930, 0.5651, 0.2887



0.1672, 0.4741, 0.2385

Previews

White Background



This preview shows how the Yxy color 24.8919, 0.3003, 0.2630 looks on a white background.

Color Contrast Check

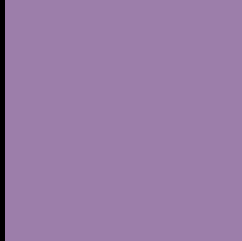
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8919, 0.3003, 0.2630 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 24.8919, 0.3003, 0.2630

Background



This preview shows how black text looks on a background with the Yxy color 24.8919, 0.3003, 0.2630.



This preview shows how white text looks on a background with the Yxy color 24.8919, 0.3003, 0.2630.

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

24.8919, 0.3003, 0.2630

Protanopia

24.9379, 0.2647, 0.2619

Deuteranopia

24.9457, 0.2797, 0.2745



Tritanopia

24.8610, 0.3250, 0.3114

Trichromacy



Original Color

24.8919, 0.3003, 0.2630

Protanomaly

24.8769, 0.2772, 0.2631

Deuteranomaly

24.8480, 0.2866, 0.2694

Tritanomaly

24.7398, 0.3155, 0.2929

Monochromacy



Original Color

24.8919, 0.3003, 0.2630

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.6733, 0.3084, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8919, 0.3003, 0.2630 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, 126, 170)` looks like.

```
.text, #text, p{  
    color:rgb(156, 126, 170)  
}
```

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, 126, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 126, 170) }
```

Border

The CSS property to change the border of an element to Yxy 24.8919, 0.3003, 0.2630 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, 126, 170) }
```

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

```
.border{ border-color:rgb(156, 126, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 126, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 126, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 126, 170); box-shadow:4px 4px 4px 4px rgb(156, 126, 170) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8919, 0.3003, 0.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 126, 170) }
```

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

```
.background{ background-color: rgb(156,  
126, 170) }
```

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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