

Converting Colors

$Y_{xy}(25.6018, 0.2875, 0.2492)$

Have a look what the booklet for
Yxy(25.6018, 0.2875, 0.2492)
contains.

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Color

Yxy(25.5247, 0.2877, 0.2485)

Conversions

Conversions Part 1

Format	Color
Hex	9B7FB6
RGB	155, 127, 182
RGB Percent	61%, 50%, 71%
CMY	0.3922, 0.5019, 0.2862
CMYK	0.15, 0.30, 0.00, 0.29
HSL	271°, 27%, 61%
HSV	271°, 30%, 71%
XYZ	29.5511, 25.5247, 47.6393
YIQ	141.6420, -0.9670, 23.0410

Conversions

Conversions Part 2

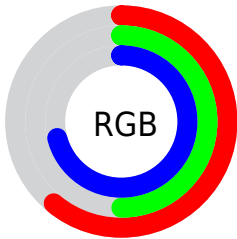
Format	Color
RYB	155, 127, 182
Decimal	10190774
CIELab	57.58, 21.56, -24.97
CIELCh	58, 32.985, 310.811
Yxy	25.5247, 0.2877, 0.2485
Android (android.graphics.Color)	4288380854 (0xFF9B7FB6)
YUV	141.6420, 19.8965, 11.7150
Hunter-Lab	50.5220, 15.9941, -20.5416

Details

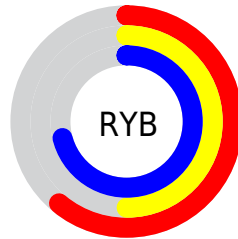
The Yxy color $25.5247, 0.2877, 0.2485$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $41.8730, 0.3319, 0.4099$, and the grayscale version is $26.8224, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.5172, 0.2934, 0.2642$, and $9.9173, 0.2776, 0.2242$ is the 20% darker color. If you saturate the color by 10%, you get $20.3886, 0.2770, 0.2192$, and if you desaturate by 10%, it is $31.5778, 0.2972, 0.2769$.

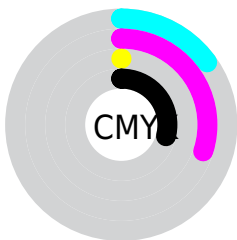
Distribution



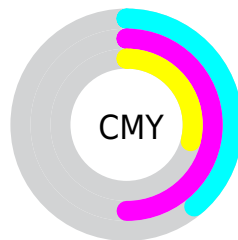
- Red (61%)
- Green (50%)
- Blue (71%)



- Red (61%)
- Yellow (50%)
- Blue (71%)



- Cyan (15%)
- Magenta (30%)
- Yellow (0%)
- Black (29%)





- Cyan (39%)
- Magenta (50%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5247, 0.2877, 0.2485 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 25.5247, 0.2877, 0.2485 by changing the saturation by 10% instead.


 25.5247, 0.2877,
0.2485


 25.5247, 0.2877,
0.2485


280.4410, 0.3020,
0.2903


 16.4684, 0.2835,
0.2377


 52.5072, 0.2934,
0.2640

 9.8562, 0.2777,
0.2235


 71.2021, 0.2953,
0.2697

 5.3037, 0.2692,
0.2044


 93.8788, 0.2970,
0.2746

 2.4265, 0.2559,
0.1775

120.9215, 0.2983,
0.2786

 0.8395, 0.2328,
0.1374

152.7147, 0.2995,
0.2822

 0.0000, 0.1499,
0.0000

189.6427, 0.3004,

 0.0000, 0.0000,

0.2852

0.0000

232.0900, 0.3013,
0.2879

■ 25.5247, 0.2877,
0.2485

■ 25.5247, 0.2877,
0.2485

■ 20.3886, 0.2770,
0.2192

■ 31.5778, 0.2972,
0.2769

■ 16.1193, 0.2652,
0.1901

■ 38.5886, 0.3055,
0.3036

■ 12.6661, 0.2526,
0.1623

■ 46.5988, 0.3126,
0.3285

■ 9.9721, 0.2396,
0.1372

■ 55.6469, 0.3186,
0.3511

■ 7.9722, 0.2269,
0.1164

■ 65.7692, 0.3236,
0.3716

6.5900, 0.2149,
0.1007

77.0004, 0.3277,
0.3900

5.6843, 0.2041,
0.0898

89.3734, 0.3312,
0.4065

91.1548, 0.3370,
0.4056

92.6432, 0.3429,
0.4041

Harmonies

Analogous

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



25.5247, 0.2420, 0.2403



25.5247, 0.2877, 0.2485



25.5247, 0.3448, 0.2739

Triad

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



25.5247, 0.2877, 0.2485



25.5247, 0.4174, 0.3970



25.5247, 0.2337, 0.3397

Complementary

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



25.5247, 0.2877, 0.2485



41.8730, 0.3319, 0.4099

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.



25.5247, 0.2755, 0.3953



25.5247, 0.2877, 0.2485



25.5247, 0.3820, 0.4264

Square

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



25.5247, 0.2877, 0.2485



25.5247, 0.4237, 0.3551



25.5247, 0.3297, 0.4285



25.5247, 0.2132, 0.2868

Rectangle

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



25.5247, 0.2877, 0.2485



25.5247, 0.3811, 0.2980



25.5247, 0.3297, 0.4285



25.5247, 0.2455, 0.3591

Sweetspot

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



25.5258, 0.2877, 0.2485



71.4120, 0.3063, 0.3064



31.1723, 0.2651, 0.2866



15.3339, 0.3052, 0.3027



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



25.5258, 0.2877, 0.2485



40.1361, 0.2810, 0.2299



28.5064, 0.3162, 0.2551



8.9379, 0.3062, 0.3059



4.0526, 0.2053, 0.0905



0.1796, 0.2339, 0.1062

Inverse Universe

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



27.4622, 0.3468, 0.2911



44.2968, 0.3567, 0.2828



39.5115, 0.3086, 0.4160



9.0838, 0.3213, 0.3178



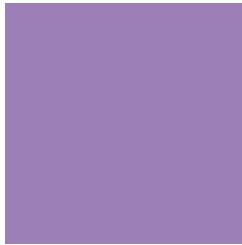
7.5509, 0.4968, 0.2510



0.2787, 0.4398, 0.2196

Previews

White Background



This preview shows how the Yxy color 25.5247, 0.2877, 0.2485 looks on a white background.

Color Contrast Check

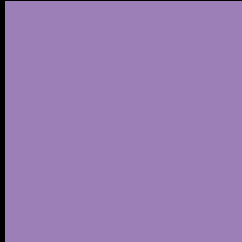
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5247, 0.2877, 0.2485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

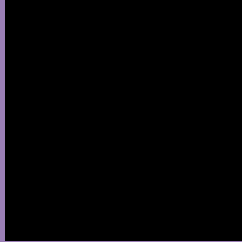
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5247, 0.2877, 0.2485

Background



This preview shows how black text looks on a background with the Yxy color 25.5247, 0.2877, 0.2485.



This preview shows how white text looks on a background with the Yxy color 25.5247, 0.2877, 0.2485.

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

25.5247, 0.2877, 0.2485

Protanopia

25.7764, 0.2533, 0.2483

Deuteranopia

25.5707, 0.2652, 0.2598



Tritanopia

25.4841, 0.3180, 0.3114

Trichromacy



Original Color

25.5247, 0.2877, 0.2485

Protanomaly

25.4711, 0.2654, 0.2481

Deuteranomaly

25.5145, 0.2723, 0.2553

Tritanomaly

25.2805, 0.3069, 0.2868

Monochromacy



Original Color

25.5247, 0.2877, 0.2485

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.5287, 0.3035, 0.2975

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5247, 0.2877, 0.2485 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(155, 127, 182)` looks like.

```
.text, #text, p{  
    color:rgb(155, 127, 182)  
}
```

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(155, 127, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 127, 182) }
```

Border

The CSS property to change the border of an element to Yxy 25.5247, 0.2877, 0.2485 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(155, 127, 182) }
```

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

```
.border{ border-color:rgb(155, 127, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 127, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 127, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 127, 182);  
box-shadow:4px 4px 4px 4px rgb(155, 127,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5247, 0.2877, 0.2485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 127, 182) }
```

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

```
.background{ background-color: rgb(155,  
127, 182) }
```

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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