

Converting Colors

$Y_{xy}(26.2872, 0.2494, 0.1915)$

Have a look what the booklet for
Yxy(26.2872, 0.2494, 0.1915)
contains.

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Color

Yxy(26.3905, 0.2496, 0.1921)

Conversions

Conversions Part 1

Format	Color
Hex	9A7AE4
RGB	154, 122, 228
RGB Percent	60%, 48%, 89%
CMY	0.3961, 0.5216, 0.1058
CMYK	0.32, 0.46, 0.00, 0.11
HSL	258°, 66%, 69%
HSV	258°, 46%, 89%
XYZ	34.2898, 26.3905, 76.6987
YIQ	143.6520, -14.9540, 39.7500

Conversions

Conversions Part 2

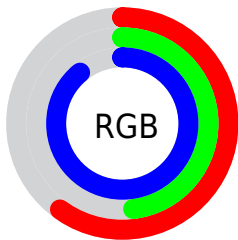
Format	Color
RYB	154, 122, 228
Decimal	10124004
CIELab	58.41, 35.23, -49.67
CIELCh	58, 60.891, 305.346
Yxy	26.3905, 0.2496, 0.1921
Android (android.graphics.Color)	4288314084 (0xFF9A7AE4)
YUV	143.6520, 41.5836, 9.0752
Hunter-Lab	51.3717, 29.2455, -52.5607

Details

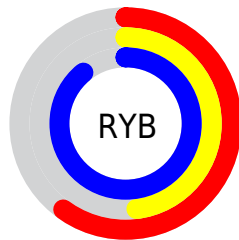
The Yxy color **26.3905, 0.2496, 0.1921** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **68.6424, 0.3567, 0.4531**, and the grayscale version is **27.5775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7288, 0.2823, 0.2424**, and **10.2659, 0.2280, 0.1570** is the 20% darker color. If you saturate the color by 10%, you get **19.9735, 0.2324, 0.1602**, and if you desaturate by 10%, it is **34.3301, 0.2660, 0.2245**.

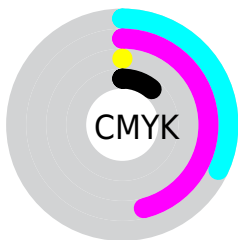
Distribution



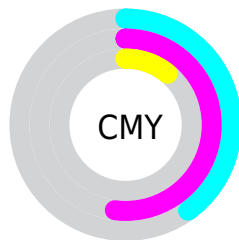
- Red (60%)
- Green (48%)
- Blue (89%)



- Red (60%)
- Yellow (48%)
- Blue (89%)



- Cyan (32%)
- Magenta (46%)
- Yellow (0%)
- Black (11%)





- Cyan (40%)
- Magenta (52%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3905, 0.2496, 0.1921 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 26.3905, 0.2496, 0.1921 by changing the saturation by 10% instead.


 26.3905, 0.2496,
0.1921


 26.3905, 0.2496,
0.1921


284.6938, 0.2843,
0.2586


 17.1160, 0.2403,
0.1767


 53.9043, 0.2628,
0.2155

 10.3172, 0.2281,
0.1577


 72.9123, 0.2676,
0.2246

 5.6098, 0.2116,
0.1341


 95.9336, 0.2716,
0.2323

 2.6093, 0.1885,
0.1047

123.3527, 0.2749,
0.2390

 0.9313, 0.1554,
0.0687

155.5538, 0.2778,
0.2448

 0.0000, 0.1095,
0.0000

192.9215, 0.2803,

 0.0000, 0.0000,

0.2500

0.0000

235.8400, 0.2824,
0.2545

■ 26.3905, 0.2496,
0.1921

■ 26.3905, 0.2496,
0.1921

■ 19.9735, 0.2324,
0.1602

■ 34.3301, 0.2660,
0.2245

■ 14.9749, 0.2151,
0.1306

■ 43.8813, 0.2809,
0.2561

■ 11.2815, 0.1988,
0.1054


■ 55.1295, 0.2943,
0.2857

■ 8.7607, 0.1844,
0.0862

■ 68.1531, 0.3060,
0.3128

■ 7.2470, 0.1727,
0.0739

■ 83.0257, 0.3161,
0.3373

 6.8604, 0.1692,
0.0706

 97.3584, 0.3250,
0.3555

 98.3825, 0.3285,
0.3552

Harmonies

Analogous

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



26.3905, 0.1829, 0.1825



26.3905, 0.2496, 0.1921



26.3905, 0.3479, 0.2270

Triad

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



26.3905, 0.2496, 0.1921



26.3905, 0.4988, 0.4176



26.3905, 0.1846, 0.3641

Complementary

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



26.3905, 0.2496, 0.1921



68.6424, 0.3567, 0.4531

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.



26.3905, 0.2564, 0.4762



26.3905, 0.2496, 0.1921



26.3905, 0.4372, 0.4853

Square

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



26.3905, 0.2496, 0.1921



26.3905, 0.5084, 0.3473



26.3905, 0.3490, 0.5206



26.3905, 0.1499, 0.2612

Rectangle

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



26.3905, 0.2496, 0.1921



26.3905, 0.4187, 0.2619



26.3905, 0.3490, 0.5206



26.3905, 0.2047, 0.4041

Sweetspot

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



26.3915, 0.2496, 0.1921



74.8746, 0.2973, 0.2924



49.3169, 0.2433, 0.2870



15.2861, 0.2946, 0.2863



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



26.3915, 0.2496, 0.1921



25.8494, 0.2327, 0.1606



32.7612, 0.2977, 0.2091



14.0969, 0.3027, 0.3050



4.0148, 0.1706, 0.0714



0.3439, 0.1862, 0.0800

Inverse Universe

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



34.4039, 0.3504, 0.2464



37.6416, 0.3616, 0.2310



62.7605, 0.3189, 0.4695



14.5373, 0.3184, 0.3127



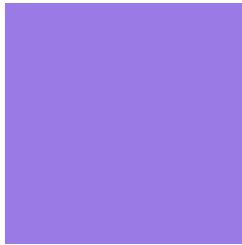
10.9958, 0.4150, 0.2060



0.8288, 0.3979, 0.1966

Previews

White Background



This preview shows how the Yxy color 26.3905, 0.2496, 0.1921 looks on a white background.

Color Contrast Check

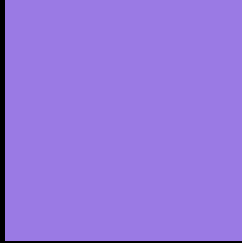
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3905, 0.2496, 0.1921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

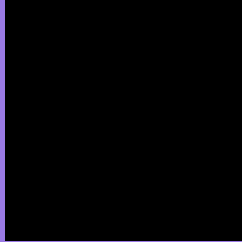
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3905, 0.2496, 0.1921

Background



This preview shows how black text looks on a background with the Yxy color 26.3905, 0.2496, 0.1921.



This preview shows how white text looks on a background with the Yxy color 26.3905, 0.2496, 0.1921.

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

26.3905, 0.2496, 0.1921

Protanopia

26.6818, 0.2057, 0.1855

Deuteranopia

26.7587, 0.2140, 0.2083



Tritanopia

26.3938, 0.2998, 0.3110

Trichromacy



Original Color

26.3905, 0.2496, 0.1921

Protanomaly

26.3300, 0.2186, 0.1872

Deuteranomaly

26.1313, 0.2244, 0.2009

Tritanomaly

25.9590, 0.2798, 0.2592

Monochromacy



Original Color

26.3905, 0.2496, 0.1921

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.9994, 0.2875, 0.2700

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3905, 0.2496, 0.1921 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(154, 122, 228)` looks like.

```
.text, #text, p{  
    color:rgb(154, 122, 228)  
}
```

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(154, 122, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 122, 228) }
```

Border

The CSS property to change the border of an element to Yxy 26.3905, 0.2496, 0.1921 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(154, 122, 228) }
```

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

```
.border{ border-color:rgb(154, 122, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 122, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 122, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 122, 228);  
box-shadow:4px 4px 4px 4px rgb(154, 122,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3905, 0.2496, 0.1921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 122, 228) }
```

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

```
.background{ background-color: rgb(154,  
122, 228) }
```

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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