

Converting Colors

$Y_{xy}(22.9338, 0.2865, 0.2479)$

Have a look what the booklet for
Yxy(22.9338, 0.2865, 0.2479)
contains.

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Color

Yxy(22.9338, 0.2865, 0.2479)

Conversions

Conversions Part 1

Format	Color
Hex	9379AE
RGB	147, 121, 174
RGB Percent	58%, 47%, 68%
CMY	0.4237, 0.5254, 0.3176
CMYK	0.16, 0.30, 0.00, 0.32
HSL	269°, 25%, 58%
HSV	269°, 30%, 68%
XYZ	26.5048, 22.9338, 43.0737
YIQ	134.8160, -1.5170, 21.9950

Conversions

Conversions Part 2

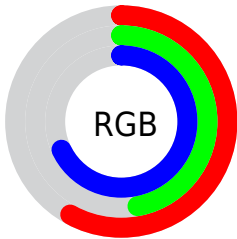
Format	Color
R _Y B	147, 121, 174
Decimal	9664942
CIE _{Lab}	55.00, 20.61, -24.40
CIE _{LCh}	55, 31.938, 310.189
Yxy	22.9338, 0.2865, 0.2479
Android (android.graphics.Color)	4287855022 (0xFF9379AE)
YUV	134.8160, 19.3177, 10.6854
Hunter-Lab	47.8892, 14.9864, -19.8056

Details

The Yxy color **22.9338, 0.2865, 0.2479** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **37.9540, 0.3329, 0.4100**, and the grayscale version is **24.0838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5418, 0.2927, 0.2642**, and **8.5020, 0.2768, 0.2222** is the 20% darker color. If you saturate the color by 10%, you get **18.2903, 0.2754, 0.2185**, and if you desaturate by 10%, it is **28.4053, 0.2964, 0.2763**.

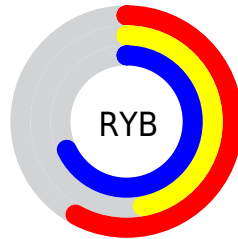
Distribution



Red (58%)

Green (47%)

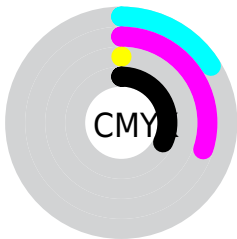
Blue (68%)



Red (58%)

Yellow (47%)

Blue (68%)

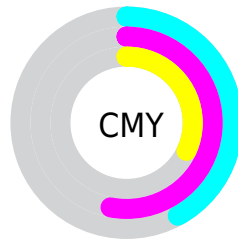


Cyan (16%)

Magenta (30%)

Yellow (0%)

Black (32%)



Cyan (42%)

Magenta (53%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.9338, 0.2865, 0.2479 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 22.9338, 0.2865, 0.2479 by changing the saturation by 10% instead.

■ 22.9338, 0.2865,
0.2479

■ 22.9338, 0.2865,
0.2479

267.3848, 0.3017,
0.2907

■ 14.5446, 0.2819,
0.2365

■ 48.2846, 0.2926,
0.2640

■ 8.5004, 0.2755,
0.2216

■ 66.0150, 0.2947,
0.2699

■ 4.4168, 0.2661,
0.2011

■ 87.6280, 0.2964,
0.2748

■ 1.9093, 0.2509,
0.1717

113.5079, 0.2978,
0.2789

■ 0.5540, 0.2255,
0.1197

144.0391, 0.2990,
0.2825

■ 0.0000, 0.0000,
0.0000

179.6061, 0.3000,

0.2856

220.5932, 0.3009,
0.2883

■ 22.9338, 0.2865,
0.2479

■ 22.9338, 0.2865,
0.2479

■ 18.2903, 0.2754,
0.2185

■ 28.4053, 0.2964,
0.2763

■ 14.4296, 0.2631,
0.1892

■ 34.7414, 0.3050,
0.3031

■ 11.3062, 0.2501,
0.1612


■ 41.9797, 0.3124,
0.3279

■ 8.8688, 0.2368,
0.1359


■ 50.1549, 0.3187,
0.3506


■ 7.0591, 0.2237,
0.1148


■ 59.2996, 0.3239,
0.3710

 5.8083, 0.2114,
0.0989

 69.4450, 0.3283,
0.3893

 4.9970, 0.2008,
0.0880

 80.6209, 0.3320,
0.4057

 89.4810, 0.3359,
0.4156

 90.8869, 0.3418,
0.4140

Harmonies

Analogous

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



22.9338, 0.2411, 0.2401



22.9338, 0.2865, 0.2479



22.9338, 0.3437, 0.2730

Triad

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



22.9338, 0.2865, 0.2479



22.9338, 0.4182, 0.3964



22.9338, 0.2341, 0.3409

Complementary

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



22.9338, 0.2865, 0.2479



37.9540, 0.3329, 0.4100

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.



22.9338, 0.2764, 0.3965



22.9338, 0.2865, 0.2479



22.9338, 0.3831, 0.4263

Square

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



22.9338, 0.2865, 0.2479



22.9338, 0.4238, 0.3543



22.9338, 0.3309, 0.4292



22.9338, 0.2130, 0.2876

Rectangle

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



22.9338, 0.2865, 0.2479



22.9338, 0.3803, 0.2971



22.9338, 0.3309, 0.4292



22.9338, 0.2461, 0.3604

Sweetspot

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



22.9347, 0.2865, 0.2479



64.6182, 0.3060, 0.3065



28.4253, 0.2651, 0.2878



13.9674, 0.3049, 0.3028



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.



22.9347, 0.2865, 0.2479



35.3843, 0.2786, 0.2268



25.6327, 0.3152, 0.2546



7.9425, 0.3059, 0.3061



3.6595, 0.2019, 0.0886



0.1344, 0.2366, 0.1077

Inverse Universe

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



24.8177, 0.3458, 0.2895



39.4992, 0.3565, 0.2798



35.7834, 0.3094, 0.4162



8.0810, 0.3210, 0.3175



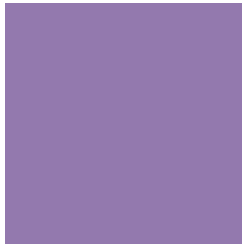
7.0595, 0.4883, 0.2463



0.2074, 0.4249, 0.2114

Previews

White Background



This preview shows how the Yxy color 22.9338, 0.2865, 0.2479 looks on a white background.

Color Contrast Check

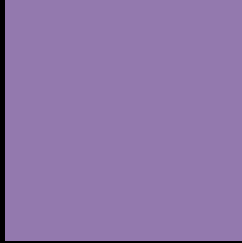
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9338, 0.2865, 0.2479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

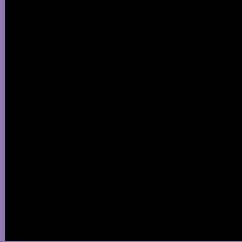
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9338, 0.2865, 0.2479

Background



This preview shows how black text looks on a background with the Yxy color 22.9338, 0.2865, 0.2479.



This preview shows how white text looks on a background with the Yxy color 22.9338, 0.2865, 0.2479.

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

22.9338, 0.2865, 0.2479

Protanopia

23.0834, 0.2526, 0.2464

Deuteranopia

23.1548, 0.2651, 0.2601



Tritanopia

22.9360, 0.3170, 0.3122

Trichromacy



Original Color

22.9338, 0.2865, 0.2479

Protanomaly

22.9823, 0.2644, 0.2477

Deuteranomaly

23.1014, 0.2725, 0.2554

Tritanomaly

22.7412, 0.3055, 0.2865

Monochromacy



Original Color

22.9338, 0.2865, 0.2479

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.6242, 0.3029, 0.2975

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9338, 0.2865, 0.2479 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(147, 121, 174)` looks like.

```
.text, #text, p{  
    color:rgb(147, 121, 174)  
}
```

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(147, 121, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 121, 174) }
```

Border

The CSS property to change the border of an element to Yxy 22.9338, 0.2865, 0.2479 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(147, 121, 174) }
```

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

```
.border{ border-color:rgb(147, 121, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 121, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 121, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 121, 174);  
box-shadow:4px 4px 4px 4px rgb(147, 121,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9338, 0.2865, 0.2479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 121, 174) }
```

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

```
.background{ background-color: rgb(147,  
121, 174) }
```

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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