

Converting Colors

$Yxy(39.8888, 0.2771, 0.2651)$

Have a look what the booklet for
Yxy(39.8888, 0.2771, 0.2651)
contains.

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Color

Yxy(39.8410, 0.2772, 0.2643)

Conversions

Conversions Part 1

Format	Color
Hex	A9A4D6
RGB	169, 164, 214
RGB Percent	66%, 64%, 84%
CMY	0.3370, 0.3569, 0.1607
CMYK	0.21, 0.23, 0.00, 0.16
HSL	246°, 38%, 74%
HSV	246°, 23%, 84%
XYZ	41.7856, 39.8410, 69.1150
YIQ	171.1950, -13.0700, 16.6100

Conversions

Conversions Part 2

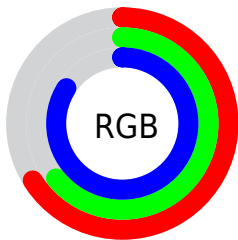
Format	Color
R _{YB}	169, 164, 214
Decimal	11117782
CIE Lab	69.36, 12.27, -24.72
CIE LCh	69, 27.598, 296.408
Yxy	39.8410, 0.2772, 0.2643
Android (android.graphics.Color)	4289307862 (0xFFA9A4D6)
YUV	171.1950, 21.1029, -1.9250
Hunter-Lab	63.1197, 7.7083, -20.7377

Details

The Yxy color $39.8410, 0.2772, 0.2643$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $64.3268, 0.3438, 0.3878$, and the grayscale version is $40.7293, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.8906, 0.2939, 0.2917$, and $17.8045, 0.2664, 0.2463$ is the 20% darker color. If you saturate the color by 10%, you get $30.8434, 0.2589, 0.2318$, and if you desaturate by 10%, it is $50.4435, 0.2937, 0.2941$.

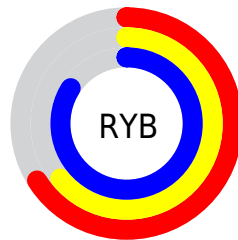
Distribution



Red (66%)

Green (64%)

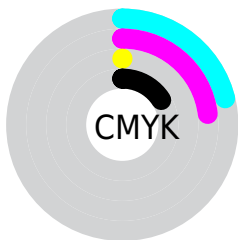
Blue (84%)



Red (66%)

Yellow (64%)

Blue (84%)

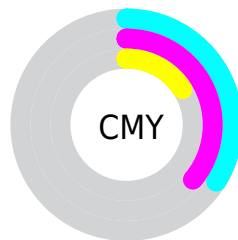


Cyan (21%)

Magenta (23%)

Yellow (0%)

Black (16%)



Cyan (34%)


Magenta (36%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8410, 0.2772, 0.2643 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 39.8410, 0.2772, 0.2643 by changing the saturation by 10% instead.


 39.8410, 0.2772,
0.2643


 39.8410, 0.2772,
0.2643

345.4530, 0.2955,
0.2962

 27.4146, 0.2725,
0.2565

 74.9213, 0.2839,
0.2758

 17.8848, 0.2664,
0.2467


 98.3441, 0.2865,
0.2801

 10.8673, 0.2583,
0.2338


126.2010, 0.2886,
0.2838

 5.9777, 0.2468,
0.2163

158.8766, 0.2904,
0.2870

 2.8315, 0.2296,
0.1915

196.7552, 0.2919,
0.2897

 1.0444, 0.2017,
0.1542

240.2212, 0.2933,

 0.0000, 0.1127,

0.2922

0.0000

289.6590, 0.2944,
0.2943

■ 0.0000, 0.0000,
0.0000

■ 39.8410, 0.2772,
0.2643

■ 39.8410, 0.2772,
0.2643

■ 30.8434, 0.2589,
0.2318

■ 50.4435, 0.2937,
0.2941

■ 23.3678, 0.2392,
0.1975

■ 62.7189, 0.3082,
0.3207

■ 17.3313, 0.2189,
0.1630

■ 76.7369, 0.3209,
0.3442

■ 12.6408, 0.1991,
0.1303

■ 92.5621, 0.3317,
0.3647

■ 9.1925, 0.1814,
0.1021

■ 97.6358, 0.3369,
0.3691

■ 6.8673, 0.1671,
0.0805

■ 5.5222, 0.1572,
0.0669

■ 5.0230, 0.1531,
0.0617

Harmonies

Analogous

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



39.8410, 0.2493, 0.2660



39.8410, 0.2772, 0.2643



39.8410, 0.3163, 0.2775

Triad

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



39.8410, 0.2772, 0.2643



39.8410, 0.3936, 0.3666



39.8410, 0.2684, 0.3567

Complementary

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



39.8410, 0.2772, 0.2643



64.3268, 0.3438, 0.3878

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.



39.8410, 0.3051, 0.3895



39.8410, 0.2772, 0.2643



39.8410, 0.3782, 0.3924

Square

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



39.8410, 0.2772, 0.2643



39.8410, 0.3859, 0.3340



39.8410, 0.3454, 0.4023



39.8410, 0.2444, 0.3168

Rectangle

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



39.8410, 0.2772, 0.2643



39.8410, 0.3439, 0.2930



39.8410, 0.3454, 0.4023



39.8410, 0.2796, 0.3692

Sweetspot

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



39.8426, 0.2772, 0.2643



86.2191, 0.3031, 0.3113



58.3531, 0.2779, 0.3227



18.2130, 0.3022, 0.3097



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.



39.8426, 0.2772, 0.2643



52.3908, 0.2684, 0.2487



42.8708, 0.2980, 0.2681



12.0684, 0.2997, 0.3050



3.0568, 0.1537, 0.0620



0.2054, 0.1639, 0.0677

Inverse Universe

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



45.4441, 0.3197, 0.2767



62.1374, 0.3214, 0.2656



60.9701, 0.3244, 0.3916



12.6100, 0.3153, 0.3083



10.9583, 0.3481, 0.1691



0.6674, 0.3428, 0.1662

Previews

White Background



This preview shows how the Yxy color 39.8410, 0.2772, 0.2643 looks on a white background.

Color Contrast Check

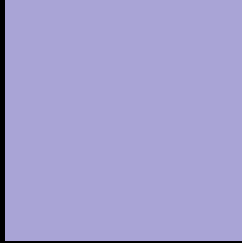
Large Text (above 18pt) WCAG AA × Fail

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 39.8410, 0.2772, 0.2643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

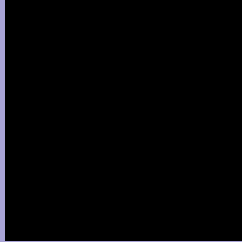
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8410, 0.2772, 0.2643

Background



This preview shows how black text looks on a background with the Yxy color 39.8410, 0.2772, 0.2643.



This preview shows how white text looks on a background with the Yxy color 39.8410, 0.2772, 0.2643.

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

39.8410, 0.2772, 0.2643

Protanopia

39.7634, 0.2667, 0.2644

Deuteranopia

39.9140, 0.2726, 0.2662



Tritanopia

39.9549, 0.2959, 0.3110

Trichromacy



Original Color

39.8410, 0.2772, 0.2643

Protanomaly

39.7558, 0.2703, 0.2647

Deuteranomaly

39.7646, 0.2741, 0.2651

Tritanomaly

39.8996, 0.2890, 0.2938

Monochromacy



Original Color

39.8410, 0.2772, 0.2643

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.1392, 0.2988, 0.3032

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8410, 0.2772, 0.2643 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(169, 164, 214)` looks like.

```
.text, #text, p{  
    color:rgb(169, 164, 214)  
}
```

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(169, 164, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 164, 214) }
```

Border

The CSS property to change the border of an element to Yxy 39.8410, 0.2772, 0.2643 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(169, 164, 214) }
```

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

```
.border{ border-color:rgb(169, 164, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 164, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 164, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 164, 214);  
box-shadow:4px 4px 4px 4px rgb(169, 164,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8410, 0.2772, 0.2643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 164, 214) }
```

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

```
.background{ background-color: rgb(169,  
164, 214) }
```

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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