

Converting Colors

$Yxy(38.9722, 0.2773, 0.2800)$

Have a look what the booklet for
Yxy(38.9722, 0.2773, 0.2800)
contains.

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Color

Yxy(38.9076, 0.2780, 0.2802)

Conversions

Conversions Part 1

Format	Color
Hex	9FA6CA
RGB	159, 166, 202
RGB Percent	62%, 65%, 79%
CMY	0.3762, 0.3491, 0.2079
CMYK	0.21, 0.18, 0.00, 0.21
HSL	230°, 29%, 71%
HSV	230°, 21%, 79%
XYZ	38.6021, 38.9076, 61.3468
YIQ	168.0110, -15.7280, 9.7120

Conversions

Conversions Part 2

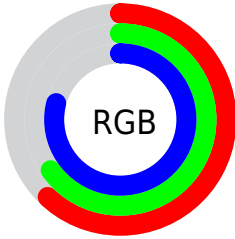
Format	Color
R _Y B	159, 165, 202
Decimal	10462922
CIE Lab	68.68, 5.26, -19.18
CIE LCh	69, 19.887, 285.335
Yxy	38.9076, 0.2780, 0.2802
Android (android.graphics.Color)	4288653002 (0xFF9FA6CA)
YUV	168.0110, 16.7566, -7.9026
Hunter-Lab	62.3760, 1.3090, -14.6486

Details

The Yxy color **38.9076, 0.2780, 0.2802** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.1174, 0.3461, 0.3735**, and the grayscale version is **39.0901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2290, 0.2867, 0.2931**, and **17.2985, 0.2674, 0.2655** is the 20% darker color. If you saturate the color by 10%, you get **31.2518, 0.2594, 0.2530**, and if you desaturate by 10%, it is **47.7150, 0.2952, 0.3047**.

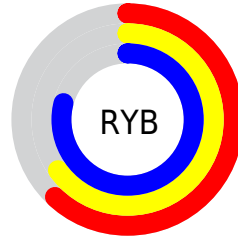
Distribution



Red (62%)

Green (65%)

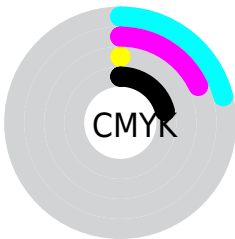
Blue (79%)



Red (62%)

Yellow (65%)

Blue (79%)

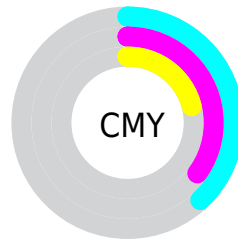


Cyan (21%)

Magenta (18%)

Yellow (0%)

Black (21%)



Cyan (38%)

Magenta (35%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.9076, 0.2780, 0.2802 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 38.9076, 0.2780, 0.2802 by changing the saturation by 10% instead.

■ 38.9076, 0.2780,
0.2802

■ 38.9076, 0.2780,
0.2802

341.4975, 0.2958,
0.3048

■ 26.6879, 0.2734,
0.2740

■ 73.4971, 0.2846,
0.2892

■ 17.3389, 0.2675,
0.2661

■ 96.6357, 0.2870,
0.2925

■ 10.4764, 0.2595,
0.2555

124.1827, 0.2891,
0.2954

■ 5.7160, 0.2482,
0.2409

156.5225, 0.2908,
0.2978

■ 2.6732, 0.2311,
0.2192

194.0395, 0.2923,
0.2999

■ 0.9636, 0.2026,
0.1844

237.1180, 0.2936,

■ 0.0000, 0.0000,

0.3017

0.0000

286.1426, 0.2948,
0.3034

■ 38.9076, 0.2780,
0.2802

■ 38.9076, 0.2780,
0.2802

■ 31.2518, 0.2594,
0.2530

■ 47.7150, 0.2952,
0.3047

■ 24.6951, 0.2399,
0.2236

■ 57.7143, 0.3109,
0.3265

■ 19.1879, 0.2201,
0.1928

■ 68.9496, 0.3249,
0.3455

■ 14.6746, 0.2010,
0.1619

■ 81.4614, 0.3374,
0.3621

■ 11.0949, 0.1837,
0.1326

■ 94.3172, 0.3450,
0.3771

■ 8.3812, 0.1696,
0.1068

■ 97.0439, 0.3442,
0.3810

■ 6.4565, 0.1594,
0.0862

■ 5.3303, 0.1537,
0.0732

Harmonies

Analogous

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



38.9076, 0.2612, 0.2865



38.9076, 0.2780, 0.2802



38.9076, 0.3046, 0.2859

Triad

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



38.9076, 0.2780, 0.2802



38.9076, 0.3712, 0.3489



38.9076, 0.2898, 0.3587

Complementary

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



38.9076, 0.2780, 0.2802



54.1174, 0.3461, 0.3735

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.



38.9076, 0.3187, 0.3775



38.9076, 0.2780, 0.2802



38.9076, 0.3664, 0.3700

Square

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



38.9076, 0.2780, 0.2802



38.9076, 0.3594, 0.3243



38.9076, 0.3468, 0.3812



38.9076, 0.2678, 0.3312

Rectangle

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



38.9076, 0.2780, 0.2802



38.9076, 0.3247, 0.2955



38.9076, 0.3468, 0.3812



38.9076, 0.2990, 0.3663

Sweetspot

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



38.9092, 0.2780, 0.2802



89.2986, 0.3035, 0.3163



53.5467, 0.2859, 0.3383



18.8741, 0.3025, 0.3149



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.



38.9092, 0.2780, 0.2802



59.0340, 0.2687, 0.2667



38.0060, 0.2895, 0.2725



11.1317, 0.2982, 0.3090



3.5170, 0.1541, 0.0748



0.2756, 0.1630, 0.1067

Inverse Universe

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



40.1240, 0.3484, 0.3203



61.6686, 0.3596, 0.3180



55.3932, 0.3327, 0.3836



11.2427, 0.3265, 0.3253



8.1580, 0.6154, 0.3164



0.4304, 0.5658, 0.2891

Previews

White Background



This preview shows how the Yxy color 38.9076, 0.2780, 0.2802 looks on a white background.

Color Contrast Check

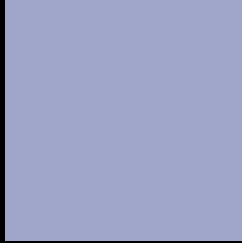
Large Text (above 18pt) WCAG AA × Fail

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 38.9076, 0.2780, 0.2802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

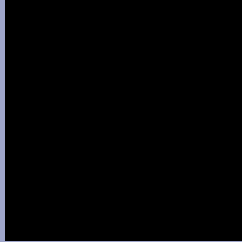
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9076, 0.2780, 0.2802

Background



This preview shows how black text looks on a background with the Yxy color 38.9076, 0.2780, 0.2802.



This preview shows how white text looks on a background with the Yxy color 38.9076, 0.2780, 0.2802.

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

38.9076, 0.2780, 0.2802

Protanopia

39.0103, 0.2788, 0.2803

Deuteranopia

38.9222, 0.2835, 0.2782



Tritanopia

38.7634, 0.2891, 0.3091

Trichromacy



Original Color

38.9076, 0.2780, 0.2802

Protanomaly

39.0103, 0.2788, 0.2803

Deuteranomaly

38.9611, 0.2811, 0.2793

Tritanomaly

38.7909, 0.2846, 0.2983

Monochromacy



Original Color

38.9076, 0.2780, 0.2802

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.9321, 0.3001, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9076, 0.2780, 0.2802 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(159, 166, 202)` looks like.

```
.text, #text, p{  
    color:rgb(159, 166, 202)  
}
```

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(159, 166, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 166, 202) }
```

Border

The CSS property to change the border of an element to Yxy 38.9076, 0.2780, 0.2802 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(159, 166, 202) }
```

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

```
.border{ border-color:rgb(159, 166, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 166, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 166, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 166, 202);  
box-shadow:4px 4px 4px 4px rgb(159, 166,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9076, 0.2780, 0.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 166, 202) }
```

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

```
.background{ background-color: rgb(159,  
166, 202) }
```

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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