

Converting Colors

$Y_{xy}(38.8730, 0.2976, 0.2800)$

Have a look what the booklet for
Yxy(38.8730, 0.2976, 0.2800)
contains.

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Color

Yxy(38.8025, 0.2977, 0.2794)

Conversions

Conversions Part 1

Format	Color
Hex	B3A0C6
RGB	179, 160, 198
RGB Percent	70%, 63%, 78%
CMY	0.2982, 0.3725, 0.2236
CMYK	0.10, 0.19, 0.00, 0.22
HSL	270°, 25%, 70%
HSV	270°, 19%, 78%
XYZ	41.3440, 38.8025, 58.7315
YIQ	170.0130, -0.8740, 15.8460

Conversions

Conversions Part 2

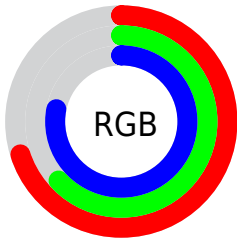
Format	Color
R _Y B	179, 160, 198
Decimal	11772102
CIE Lab	68.61, 14.16, -16.93
CIE LCh	69, 22.067, 309.901
Yxy	38.8025, 0.2977, 0.2794
Android (android.graphics.Color)	4289962182 (0xFFB3A0C6)
YUV	170.0130, 13.7976, 7.8816
Hunter-Lab	62.2917, 9.4629, -12.2972

Details

The Yxy color **38.8025, 0.2977, 0.2794** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.5157, 0.3255, 0.3787**, and the grayscale version is **40.1335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4830, 0.3006, 0.2883**, and **17.1744, 0.2929, 0.2647** is the 20% darker color. If you saturate the color by 10%, you get **31.3354, 0.2880, 0.2509**, and if you desaturate by 10%, it is **47.4513, 0.3061, 0.3062**.

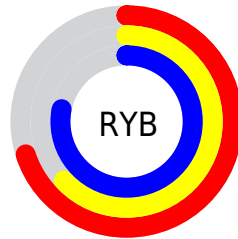
Distribution



Red (70%)

Green (63%)

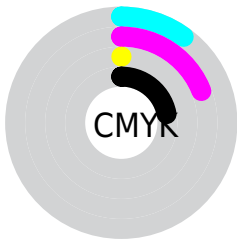
Blue (78%)



Red (70%)

Yellow (63%)

Blue (78%)

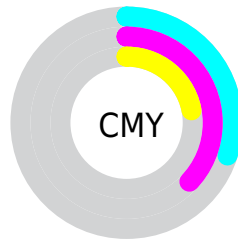


Cyan (10%)

Magenta (19%)

Yellow (0%)

Black (22%)



Cyan (30%)


Magenta (37%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8025, 0.2977, 0.2794 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 38.8025, 0.2977, 0.2794 by changing the saturation by 10% instead.

 38.8025, 0.2977,
0.2794


 38.8025, 0.2977,
0.2794


341.0501, 0.3057,
0.3041

 26.6061, 0.2956,
0.2733


 73.3365, 0.3007,
0.2884

 17.2776, 0.2927,
0.2654


 96.4429, 0.3018,
0.2917

 10.4326, 0.2889,
0.2551


123.9548, 0.3027,
0.2946

 5.6867, 0.2832,
0.2407

156.2566, 0.3035,
0.2970

 2.6555, 0.2741,
0.2197

193.7326, 0.3042,
0.2992

 0.9547, 0.2580,
0.1864

236.7672, 0.3047,

 0.0000, 0.1637,

0.3010

0.0000

285.7449, 0.3052,
0.3027

■ 0.0000, 0.0000,
0.0000

■ 38.8025, 0.2977,
0.2794

■ 38.8025, 0.2977,
0.2794

■ 31.3354, 0.2880,
0.2509

■ 47.4513, 0.3061,
0.3062

■ 24.9918, 0.2771,
0.2214

■ 57.3269, 0.3133,
0.3310

■ 19.7156, 0.2651,
0.1919

■ 68.4780, 0.3193,
0.3535

■ 15.4439, 0.2522,
0.1636

■ 80.9489, 0.3244,
0.3738

■ 12.1070, 0.2389,
0.1380

■ 92.1901, 0.3291,
0.3883

■ 9.6257, 0.2259,
0.1166

■ 93.8672, 0.3356,
0.3871

■ 7.9072, 0.2136,
0.1004

■ 95.6393, 0.3422,
0.3858

■ 6.7927, 0.2024,
0.0892

■ 96.8569, 0.3466,
0.3850

■ 6.7112, 0.2015,
0.0884

Harmonies

Analogous

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



38.8025, 0.2699, 0.2753



38.8025, 0.2977, 0.2794



38.8025, 0.3310, 0.2950

Triad

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



38.8025, 0.2977, 0.2794



38.8025, 0.3746, 0.3706



38.8025, 0.2665, 0.3371

Complementary

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



38.8025, 0.2977, 0.2794



52.5157, 0.3255, 0.3787

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.



38.8025, 0.2926, 0.3669



38.8025, 0.2977, 0.2794



38.8025, 0.3554, 0.3858

Square

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



38.8025, 0.2977, 0.2794



38.8025, 0.3768, 0.3459



38.8025, 0.3251, 0.3852



38.8025, 0.2527, 0.3066

Rectangle

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



38.8025, 0.2977, 0.2794



38.8025, 0.3517, 0.3102



38.8025, 0.3251, 0.3852



38.8025, 0.2740, 0.3477

Sweetspot

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



38.8041, 0.2977, 0.2794



89.1970, 0.3084, 0.3141



44.0507, 0.2828, 0.3043



18.8507, 0.3079, 0.3124



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.



38.8041, 0.2977, 0.2794



62.9588, 0.2938, 0.2677



41.1457, 0.3143, 0.2819



10.5427, 0.3059, 0.3057



4.4156, 0.2029, 0.0891



0.2522, 0.2260, 0.1018

Inverse Universe

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



40.4122, 0.3319, 0.3048



66.3763, 0.3371, 0.2993



50.4651, 0.3108, 0.3809



10.7242, 0.3213, 0.3175



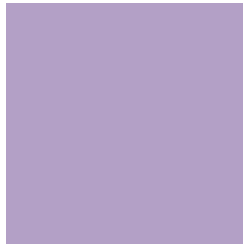
8.4148, 0.4933, 0.2491



0.4131, 0.4479, 0.2241

Previews

White Background



This preview shows how the Yxy color 38.8025, 0.2977, 0.2794 looks on a white background.

Color Contrast Check

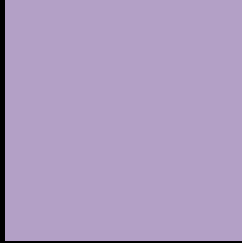
Large Text (above 18pt) WCAG AA × Fail

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 38.8025, 0.2977, 0.2794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

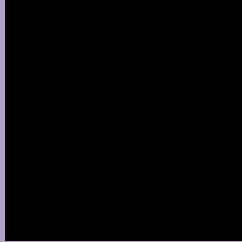
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8025, 0.2977, 0.2794

Background



This preview shows how black text looks on a background with the Yxy color 38.8025, 0.2977, 0.2794.



This preview shows how white text looks on a background with the Yxy color 38.8025, 0.2977, 0.2794.

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

38.8025, 0.2977, 0.2794

Protanopia

39.0103, 0.2788, 0.2803

Deuteranopia

38.6606, 0.2899, 0.2834



Tritanopia

38.9554, 0.3126, 0.3113

Trichromacy



Original Color

38.8025, 0.2977, 0.2794

Protanomaly

38.9835, 0.2851, 0.2796

Deuteranomaly

38.7561, 0.2933, 0.2825

Tritanomaly

39.0443, 0.3067, 0.2995

Monochromacy



Original Color

38.8025, 0.2977, 0.2794

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.4520, 0.3072, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8025, 0.2977, 0.2794 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(179, 160, 198)` looks like.

```
.text, #text, p{  
    color:rgb(179, 160, 198)  
}
```

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(179, 160, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 160, 198) }
```

Border

The CSS property to change the border of an element to Yxy 38.8025, 0.2977, 0.2794 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(179, 160, 198) }
```

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

```
.border{ border-color:rgb(179, 160, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 160, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 160, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 160, 198);  
box-shadow:4px 4px 4px 4px rgb(179, 160,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8025, 0.2977, 0.2794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 160, 198) }
```

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

```
.background{ background-color: rgb(179,  
160, 198) }
```

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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