

Converting Colors

$Yxy(37.7566, 0.2931, 0.2771)$

Have a look what the booklet for
Yxy(37.7566, 0.2931, 0.2771)
contains.

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Color

Yxy(37.8722, 0.2933, 0.2774)

Conversions

Conversions Part 1

Format	Color
Hex	AE9FC6
RGB	174, 159, 198
RGB Percent	68%, 62%, 78%
CMY	0.3177, 0.3764, 0.2236
CMYK	0.12, 0.20, 0.00, 0.22
HSL	263°, 25%, 70%
HSV	263°, 20%, 78%
XYZ	40.0430, 37.8722, 58.6104
YIQ	167.9310, -3.5790, 15.3090

Conversions

Conversions Part 2

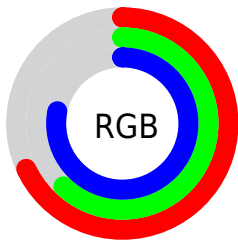
Format	Color
RYB	174, 159, 198
Decimal	11444166
CIELab	67.93, 13.08, -17.99
CIElCh	68, 22.243, 306.010
Yxy	37.8722, 0.2933, 0.2774
Android (android.graphics.Color)	4289634246 (0xFFAE9FC6)
YUV	167.9310, 14.8240, 5.3225
Hunter-Lab	61.5404, 8.4503, -13.3889

Details

The Yxy color **37.8722, 0.2933, 0.2774** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **52.9471, 0.3295, 0.3795**, and the grayscale version is **39.0496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1361, 0.2972, 0.2869**, and **16.8037, 0.2868, 0.2636** is the 20% darker color. If you saturate the color by 10%, you get **30.2643, 0.2812, 0.2480**, and if you desaturate by 10%, it is **46.7008, 0.3039, 0.3048**.

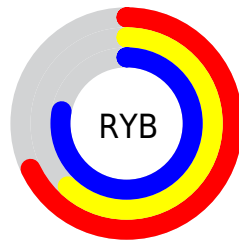
Distribution



Red (68%)

Green (62%)

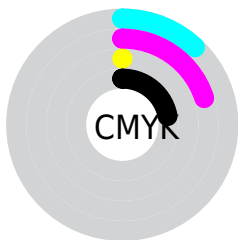
Blue (78%)



Red (68%)

Yellow (62%)

Blue (78%)

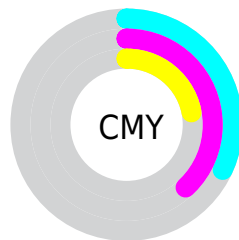


Cyan (12%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.8722, 0.2933, 0.2774 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 37.8722, 0.2933, 0.2774 by changing the saturation by 10% instead.

■ 37.8722, 0.2933,
0.2774

■ 37.8722, 0.2933,
0.2774

■ 337.0714, 0.3036,
0.3032

■ 25.8835, 0.2906,
0.2710

■ 71.9122, 0.2971,
0.2868

■ 16.7365, 0.2870,
0.2627

■ 94.7323, 0.2986,
0.2903

■ 10.0468, 0.2820,
0.2518

■ 121.9317, 0.2997,
0.2933

■ 5.4300, 0.2749,
0.2367

■ 153.8948, 0.3007,
0.2958

■ 2.5017, 0.2635,
0.2144

■ 191.0059, 0.3016,
0.2981

■ 0.8775, 0.2435,
0.1790

■ 233.6494, 0.3023,

■ 0.0000, 0.0911,

0.3000

0.0000

282.2098, 0.3030,
0.3017

0.0000, 0.0000,
0.0000

37.8722, 0.2933,
0.2774

37.8722, 0.2933,
0.2774

30.2643, 0.2812,
0.2480

46.7008, 0.3039,
0.3048

23.8171, 0.2677,
0.2173

56.7969, 0.3130,
0.3298

18.4726, 0.2529,
0.1862

68.2106, 0.3207,
0.3523

14.1660, 0.2374,
0.1562

80.9878, 0.3273,
0.3724

10.8253, 0.2218,
0.1289

93.2445, 0.3333,
0.3875

■ 8.3687, 0.2069,
0.1061

■ 95.3893, 0.3413,
0.3860

■ 6.7005, 0.1934,
0.0891

■ 96.8561, 0.3466,
0.3850

■ 5.6473, 0.1819,
0.0777

■ 5.6176, 0.1816,
0.0774

Harmonies

Analogous

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



37.8722, 0.2664, 0.2749



37.8722, 0.2933, 0.2774



37.8722, 0.3269, 0.2919

Triad

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



37.8722, 0.2933, 0.2774



37.8722, 0.3770, 0.3683



37.8722, 0.2686, 0.3414

Complementary

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



37.8722, 0.2933, 0.2774



52.9471, 0.3295, 0.3795

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.



37.8722, 0.2964, 0.3709



37.8722, 0.2933, 0.2774



37.8722, 0.3594, 0.3855

Square

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



37.8722, 0.2933, 0.2774



37.8722, 0.3767, 0.3426



37.8722, 0.3296, 0.3873



37.8722, 0.2527, 0.3099

Rectangle

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



37.8722, 0.2933, 0.2774



37.8722, 0.3485, 0.3067



37.8722, 0.3296, 0.3873



37.8722, 0.2768, 0.3521

Sweetspot

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



37.8738, 0.2933, 0.2774



88.8812, 0.3073, 0.3140



45.3312, 0.2823, 0.3089



18.7762, 0.3067, 0.3123



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.



37.8738, 0.2933, 0.2774



60.5172, 0.2878, 0.2639



40.2700, 0.3108, 0.2801



10.4829, 0.3042, 0.3055



3.7001, 0.1829, 0.0781



0.2167, 0.2072, 0.0915

Inverse Universe

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



40.2209, 0.3284, 0.2986



65.5506, 0.3330, 0.2911



50.7261, 0.3138, 0.3820



10.7448, 0.3195, 0.3149



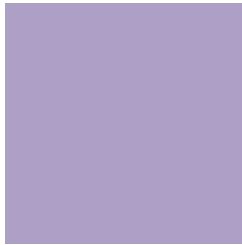
8.7365, 0.4463, 0.2232



0.4275, 0.4135, 0.2051

Previews

White Background



This preview shows how the Yxy color 37.8722, 0.2933, 0.2774 looks on a white background.

Color Contrast Check

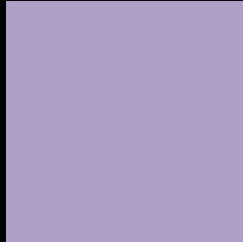
Large Text (above 18pt) WCAG AA × Fail

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 37.8722, 0.2933, 0.2774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

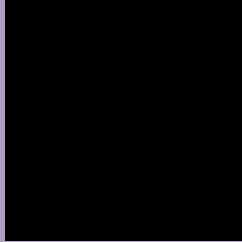
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8722, 0.2933, 0.2774

Background



This preview shows how black text looks on a background with the Yxy color 37.8722, 0.2933, 0.2774.



This preview shows how white text looks on a background with the Yxy color 37.8722, 0.2933, 0.2774.

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

37.8722, 0.2933, 0.2774

Protanopia

37.9361, 0.2769, 0.2784

Deuteranopia

37.9789, 0.2872, 0.2817



Tritanopia

37.8750, 0.3080, 0.3110

Trichromacy



Original Color

37.8722, 0.2933, 0.2774

Protanomaly

37.7973, 0.2824, 0.2776

Deuteranomaly

37.9560, 0.2898, 0.2807

Tritanomaly

37.9593, 0.3022, 0.2989

Monochromacy



Original Color

37.8722, 0.2933, 0.2774

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.7110, 0.3054, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8722, 0.2933, 0.2774 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(174, 159, 198)` looks like.

```
.text, #text, p{  
    color:rgb(174, 159, 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(174, 159, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 159, 198) }
```

Border

The CSS property to change the border of an element to Yxy 37.8722, 0.2933, 0.2774 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(174, 159, 198) }
```

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

```
.border{ border-color:rgb(174, 159, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 159, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 159, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 159, 198);  
box-shadow:4px 4px 4px 4px rgb(174, 159,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8722, 0.2933, 0.2774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 159, 198) }
```

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

```
.background{ background-color: rgb(174,  
159, 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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