

Converting Colors

$Y_{xy}(38.7182, 0.2940, 0.2871)$

Have a look what the booklet for
Yxy(38.7182, 0.2940, 0.2871)
contains.

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Color

Yxy(38.7474, 0.2940, 0.2874)

Conversions

Conversions Part 1

Format	Color
Hex	ABA3C2
RGB	171, 163, 194
RGB Percent	67%, 64%, 76%
CMY	0.3292, 0.3608, 0.2392
CMYK	0.12, 0.16, 0.00, 0.24
HSL	256°, 20%, 70%
HSV	256°, 16%, 76%
XYZ	39.6372, 38.7474, 56.4358
YIQ	168.9260, -5.1830, 11.3370

Conversions

Conversions Part 2

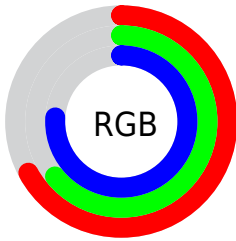
Format	Color
R _Y B	171, 163, 194
Decimal	11248578
CIE Lab	68.57, 9.04, -14.85
CIE LCh	69, 17.385, 301.338
Yxy	38.7474, 0.2940, 0.2874
Android (android.graphics.Color)	4289438658 (0xFFABA3C2)
YUV	168.9260, 12.3615, 1.8189
Hunter-Lab	62.2474, 4.7303, -10.1814

Details

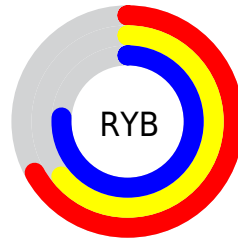
The Yxy color **38.7474, 0.2940, 0.2874** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.6673, 0.3296, 0.3691**, and the grayscale version is **39.5810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2766, 0.2970, 0.2947**, and **17.1843, 0.2889, 0.2754** is the 20% darker color. If you saturate the color by 10%, you get **30.8534, 0.2801, 0.2580**, and if you desaturate by 10%, it is **47.8768, 0.3062, 0.3142**.

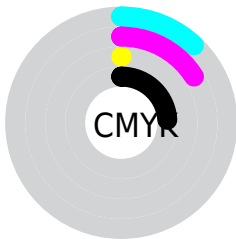
Distribution



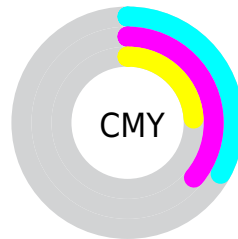
- Red (67%)
- Green (64%)
- Blue (76%)



- Red (67%)
- Yellow (64%)
- Blue (76%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (24%)



- Cyan (33%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7474, 0.2940, 0.2874 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 38.7474, 0.2940, 0.2874 by changing the saturation by 10% instead.


 38.7474, 0.2940,
0.2874


 38.7474, 0.2940,
0.2874


340.8153, 0.3038,
0.3083

 26.5633, 0.2914,
0.2821


 73.2523, 0.2976,
0.2950

 17.2455, 0.2881,
0.2754


 96.3418, 0.2990,
0.2979

 10.4097, 0.2835,
0.2664


123.8353, 0.3001,
0.3003

 5.6714, 0.2769,
0.2537

156.1171, 0.3010,
0.3024

 2.6463, 0.2665,
0.2349

193.5716, 0.3019,
0.3042

 0.9500, 0.2481,
0.2042

236.5832, 0.3026,

 0.0000, 0.0749,

0.3057

0.0000

285.5363, 0.3032,
0.3071

0.0000, 0.0000,
0.0000

38.7474, 0.2940,
0.2874

38.7474, 0.2940,
0.2874

30.8534, 0.2801,
0.2580

47.8768, 0.3062,
0.3142

24.1364, 0.2645,
0.2266

58.2871, 0.3168,
0.3383

18.5404, 0.2476,
0.1940

70.0274, 0.3258,
0.3597

14.0029, 0.2298,
0.1617

83.1425, 0.3335,
0.3786

10.4552, 0.2121,
0.1315

94.4465, 0.3408,
0.3906

■ 7.8199, 0.1953,
0.1056

■ 96.6756, 0.3490,
0.3890

■ 6.0082, 0.1808,
0.0855

■ 4.9089, 0.1691,
0.0724

■ 4.5831, 0.1653,
0.0684

Harmonies

Analogous

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



38.7474, 0.2740, 0.2873



38.7474, 0.2940, 0.2874



38.7474, 0.3198, 0.2975

Triad

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



38.7474, 0.2940, 0.2874



38.7474, 0.3634, 0.3573



38.7474, 0.2812, 0.3426

Complementary

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



38.7474, 0.2940, 0.2874



51.6673, 0.3296, 0.3691

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.



38.7474, 0.3042, 0.3638



38.7474, 0.2940, 0.2874



38.7474, 0.3520, 0.3716

Square

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



38.7474, 0.2940, 0.2874



38.7474, 0.3607, 0.3367



38.7474, 0.3301, 0.3745



38.7474, 0.2669, 0.3181

Rectangle

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



38.7474, 0.2940, 0.2874



38.7474, 0.3368, 0.3087



38.7474, 0.3301, 0.3745



38.7474, 0.2882, 0.3504

Sweetspot

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



38.7490, 0.2940, 0.2874



88.3488, 0.3072, 0.3165



46.9072, 0.2884, 0.3186



19.0679, 0.3064, 0.3147



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.



38.7490, 0.2940, 0.2874



65.2153, 0.2896, 0.2779



40.5575, 0.3075, 0.2891



9.8716, 0.3023, 0.3055



3.0469, 0.1664, 0.0690



0.1662, 0.1910, 0.0826

Inverse Universe

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



41.2051, 0.3216, 0.2997



70.4871, 0.3237, 0.2935



49.8626, 0.3170, 0.3706



10.2014, 0.3176, 0.3121



8.8713, 0.3987, 0.1970



0.3940, 0.3778, 0.1855

Previews

White Background



This preview shows how the Yxy color 38.7474, 0.2940, 0.2874 looks on a white background.

Color Contrast Check

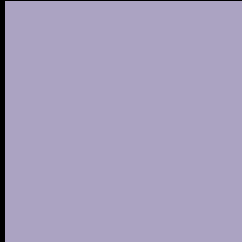
Large Text (above 18pt) WCAG AA × Fail

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 38.7474, 0.2940, 0.2874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

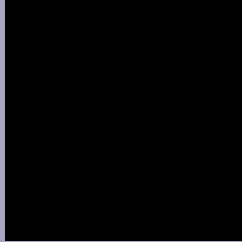
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7474, 0.2940, 0.2874

Background



This preview shows how black text looks on a background with the Yxy color 38.7474, 0.2940, 0.2874.



This preview shows how white text looks on a background with the Yxy color 38.7474, 0.2940, 0.2874.

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

38.7474, 0.2940, 0.2874

Protanopia

38.8350, 0.2840, 0.2880

Deuteranopia

38.7474, 0.2940, 0.2874



Tritanopia

38.8519, 0.3036, 0.3110

Trichromacy



Original Color

38.7474, 0.2940, 0.2874

Protanomaly

38.8497, 0.2881, 0.2883

Deuteranomaly

38.7474, 0.2940, 0.2874

Tritanomaly

38.8060, 0.3003, 0.3030

Monochromacy



Original Color

38.7474, 0.2940, 0.2874

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.3978, 0.3062, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7474, 0.2940, 0.2874 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(171, 163, 194)` looks like.

```
.text, #text, p{  
    color:rgb(171, 163, 194)  
}
```

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(171, 163, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 163, 194) }
```

Border

The CSS property to change the border of an element to Yxy 38.7474, 0.2940, 0.2874 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(171, 163, 194) }
```

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

```
.border{ border-color:rgb(171, 163, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 163, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 163, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 163, 194);  
box-shadow:4px 4px 4px 4px rgb(171, 163,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7474, 0.2940, 0.2874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 163, 194) }
```

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

```
.background{ background-color: rgb(171,  
163, 194) }
```

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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