

Converting Colors

Yxy(38.0504, 0.2699, 0.2347)

Have a look what the booklet for
Yxy(38.0504, 0.2699, 0.2347)
contains.

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Color

Yxy(38.1108, 0.2698, 0.2343)

Conversions

Conversions Part 1

Format	Color
Hex	B09AE7
RGB	176, 154, 231
RGB Percent	69%, 60%, 91%
CMY	0.3098, 0.3961, 0.0940
CMYK	0.24, 0.33, 0.00, 0.09
HSL	257°, 62%, 75%
HSV	257°, 33%, 91%
XYZ	43.8852, 38.1108, 80.6622
YIQ	169.3560, -11.6050, 28.6110

Conversions

Conversions Part 2

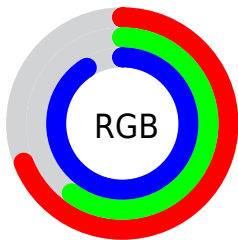
Format	Color
R _Y B	176, 154, 231
Decimal	11573991
CIE Lab	68.10, 23.94, -35.96
CIE LCh	68, 43.205, 303.654
Yxy	38.1108, 0.2698, 0.2343
Android (android.graphics.Color)	4289764071 (0xFFB09AE7)
YUV	169.3560, 30.3905, 5.8268
Hunter-Lab	61.7339, 18.8569, -34.2551

Details

The Yxy color **38.1108, 0.2698, 0.2343** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **73.0590, 0.3465, 0.4169**, and the grayscale version is **39.7132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1446, 0.2992, 0.2819**, and **16.9332, 0.2568, 0.2109** is the 20% darker color. If you saturate the color by 10%, you get **29.3976, 0.2535, 0.2018**, and if you desaturate by 10%, it is **48.5285, 0.2846, 0.2655**.

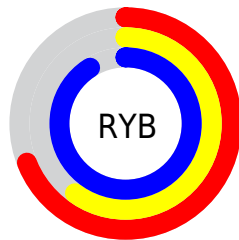
Distribution



Red (69%)

Green (60%)

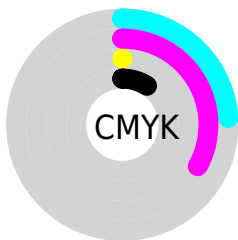
Blue (91%)



Red (69%)

Yellow (60%)

Blue (91%)

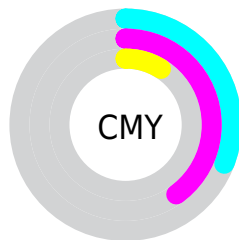


Cyan (24%)

Magenta (33%)

Yellow (0%)

Black (9%)



Cyan (31%)


Magenta (40%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1108, 0.2698, 0.2343 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 38.1108, 0.2698, 0.2343 by changing the saturation by 10% instead.


 38.1108, 0.2698,
0.2343


 38.1108, 0.2698,
0.2343

338.0950, 0.2923,
0.2799

 26.0687, 0.2640,
0.2236


 72.2779, 0.2781,
0.2504

 16.8750, 0.2565,
0.2103


 95.1718, 0.2812,
0.2565

 10.1454, 0.2465,
0.1934


122.4516, 0.2838,
0.2618

 5.4955, 0.2325,
0.1713

154.5019, 0.2860,
0.2664

 2.5408, 0.2119,
0.1418

191.7069, 0.2879,
0.2704

 0.8970, 0.1800,
0.1016

234.4512, 0.2895,

 0.0000, 0.1143,

0.2739

0.0000

283.1191, 0.2910,
0.2771

0.0000, 0.0000,
0.0000

38.1108, 0.2698,
0.2343

38.1108, 0.2698,
0.2343

29.3976, 0.2535,
0.2018

48.5285, 0.2846,
0.2655

22.2914, 0.2361,
0.1693

60.7318, 0.2978,
0.2944

16.6919, 0.2185,
0.1386

74.8020, 0.3093,
0.3208

12.4851, 0.2016,
0.1116

90.8141, 0.3191,
0.3444

9.5401, 0.1864,
0.0903

98.5509, 0.3268,
0.3522

■ 7.6996, 0.1739,
0.0758

■ 6.9279, 0.1673,
0.0695

Harmonies

Analogous

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



38.1108, 0.2235, 0.2299



38.1108, 0.2698, 0.2343



38.1108, 0.3331, 0.2585

Triad

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



38.1108, 0.2698, 0.2343



38.1108, 0.4371, 0.3940



38.1108, 0.2320, 0.3569

Complementary

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



38.1108, 0.2698, 0.2343



73.0590, 0.3465, 0.4169

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.



38.1108, 0.2835, 0.4186



38.1108, 0.2698, 0.2343



38.1108, 0.4027, 0.4335

Square

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



38.1108, 0.2698, 0.2343



38.1108, 0.4359, 0.3453



38.1108, 0.3461, 0.4470



38.1108, 0.2033, 0.2927

Rectangle

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



38.1108, 0.2698, 0.2343



38.1108, 0.3767, 0.2833



38.1108, 0.3461, 0.4470



38.1108, 0.2470, 0.3794

Sweetspot

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



38.1123, 0.2698, 0.2343



81.5026, 0.3018, 0.3034



58.3412, 0.2620, 0.3020



16.9300, 0.3001, 0.2996



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.



38.1123, 0.2698, 0.2343



39.9626, 0.2587, 0.2120



43.2297, 0.3020, 0.2426



14.0854, 0.3025, 0.3050



3.9374, 0.1686, 0.0703



0.3369, 0.1840, 0.0787

Inverse Universe

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



44.7101, 0.3360, 0.2681



49.5267, 0.3423, 0.2556



68.1221, 0.3191, 0.4250



14.5414, 0.3181, 0.3124



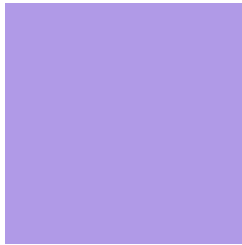
11.0705, 0.4089, 0.2026



0.8339, 0.3931, 0.1939

Previews

White Background



This preview shows how the Yxy color 38.1108, 0.2698, 0.2343 looks on a white background.

Color Contrast Check

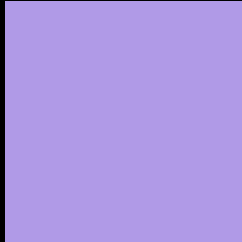
Large Text (above 18pt) WCAG AA × Fail

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 38.1108, 0.2698, 0.2343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

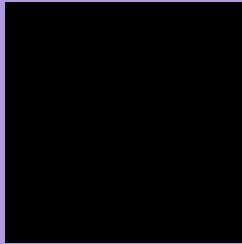
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1108, 0.2698, 0.2343

Background



This preview shows how black text looks on a background with the Yxy color 38.1108, 0.2698, 0.2343.



This preview shows how white text looks on a background with the Yxy color 38.1108, 0.2698, 0.2343.

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

38.1108, 0.2698, 0.2343

Protanopia

38.1772, 0.2415, 0.2315

Deuteranopia

38.3191, 0.2501, 0.2440



Tritanopia

38.2316, 0.3026, 0.3109

Trichromacy



Original Color

38.1108, 0.2698, 0.2343

Protanomaly

38.0678, 0.2508, 0.2326

Deuteranomaly

38.0229, 0.2566, 0.2394

Tritanomaly

38.0670, 0.2906, 0.2808

Monochromacy



Original Color

38.1108, 0.2698, 0.2343

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.1273, 0.2965, 0.2914

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1108, 0.2698, 0.2343 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(176, 154, 231)` looks like.

```
.text, #text, p{  
    color:rgb(176, 154, 231)  
}
```

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(176, 154, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 154, 231) }
```

Border

The CSS property to change the border of an element to Yxy 38.1108, 0.2698, 0.2343 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(176, 154, 231) }
```

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

```
.border{ border-color:rgb(176, 154, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 154, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 154, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 154, 231);  
box-shadow:4px 4px 4px 4px rgb(176, 154,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1108, 0.2698, 0.2343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 154, 231) }
```

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

```
.background{ background-color: rgb(176,  
154, 231) }
```

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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