

Converting Colors

Yxy(39.9658, 0.3124, 0.3047)

Have a look what the booklet for
Yxy(39.9658, 0.3124, 0.3047)
contains.

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Color

Yxy(39.7936, 0.3121, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	B5A4B7
RGB	181, 164, 183
RGB Percent	71%, 64%, 72%
CMY	0.2901, 0.3569, 0.2825
CMYK	0.01, 0.10, 0.00, 0.28
HSL	294°, 12%, 68%
HSV	294°, 10%, 72%
XYZ	40.8808, 39.7936, 50.3118
YIQ	171.2490, 4.0330, 9.5130

Conversions

Conversions Part 2

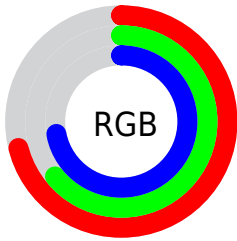
Format	Color
R_YB	181, 164, 183
Decimal	11904183
CIE Lab	69.32, 9.66, -7.51
CIE LCh	69, 12.235, 322.116
Yxy	39.7936, 0.3121, 0.3038
Android (android.graphics.Color)	4290094263 (0xFFB5A4B7)
YUV	171.2490, 5.7932, 8.5516
Hunter-Lab	63.0822, 5.2842, -3.1298

Details

The Yxy color **39.7936, 0.3121, 0.3038** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.6384, 0.3131, 0.3553**, and the grayscale version is **40.8268, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8996, 0.3123, 0.3084**, and **17.7892, 0.3117, 0.2961** is the 20% darker color. If you saturate the color by 10%, you get **33.4848, 0.3113, 0.2787**, and if you desaturate by 10%, it is **47.0511, 0.3127, 0.3281**.

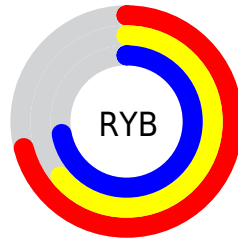
Distribution



Red (71%)

Green (64%)

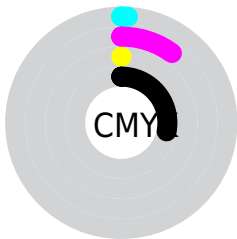
Blue (72%)



Red (71%)

Yellow (64%)

Blue (72%)

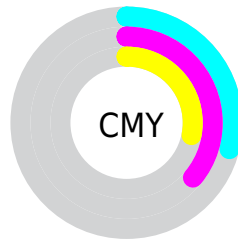


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (28%)



Cyan (29%)


Magenta (36%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7936, 0.3121, 0.3038 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 39.7936, 0.3121, 0.3038 by changing the saturation by 10% instead.

 39.7936, 0.3121,
0.3038


 39.7936, 0.3121,
0.3038


345.2529, 0.3125,
0.3165

 27.3777, 0.3120,
0.3006


 74.8491, 0.3123,
0.3084

 17.8571, 0.3118,
0.2965


 98.2575, 0.3123,
0.3102

 10.8474, 0.3115,
0.2909


126.0988, 0.3124,
0.3116

 5.9643, 0.3110,
0.2831

158.7574, 0.3124,
0.3129

 2.8234, 0.3101,
0.2713

196.6177, 0.3125,
0.3140

 1.0402, 0.3081,
0.2513

240.0641, 0.3125,


 0.0000, 0.2704,


0.3149


0.0000


289.4810, 0.3125,
0.3158

 0.0000, 0.0000,
0.0000


 39.7936, 0.3121,
0.3038


 39.7936, 0.3121,
0.3038


 33.4848, 0.3113,
0.2787


 47.0511, 0.3127,
0.3281


 28.0795, 0.3101,
0.2533


 55.2898, 0.3131,
0.3512


 23.5365, 0.3087,
0.2286

 64.5470, 0.3133,
0.3727

 19.8094, 0.3070,
0.2053

 74.8566, 0.3134,
0.3925

 16.8473, 0.3050,
0.1846

 85.9399, 0.3133,
0.4102

■ 14.5939, 0.3027,
0.1674

■ 86.1842, 0.3145,
0.4099

■ 12.9846, 0.3003,
0.1541

■ 86.4317, 0.3157,
0.4096

■ 11.9436, 0.2977,
0.1453

■ 86.6824, 0.3168,
0.4094

■ 11.3290, 0.2952,
0.1400

■ 86.9362, 0.3180,
0.4091

Harmonies

Analogous

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



39.7936, 0.2948, 0.2988



39.7936, 0.3121, 0.3038



39.7936, 0.3300, 0.3151

Triad

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



39.7936, 0.3121, 0.3038



39.7936, 0.3435, 0.3565



39.7936, 0.2828, 0.3268

Complementary

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



39.7936, 0.3121, 0.3038



44.6384, 0.3131, 0.3553

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.



39.7936, 0.2952, 0.3435



39.7936, 0.3121, 0.3038



39.7936, 0.3302, 0.3608

Square

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



39.7936, 0.3121, 0.3038



39.7936, 0.3485, 0.3451



39.7936, 0.3125, 0.3561



39.7936, 0.2782, 0.3114

Rectangle

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



39.7936, 0.3121, 0.3038



39.7936, 0.3398, 0.3248



39.7936, 0.3125, 0.3561



39.7936, 0.2862, 0.3325

Sweetspot

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



39.7953, 0.3121, 0.3038



80.6413, 0.3126, 0.3217



38.6603, 0.2968, 0.3057



17.5739, 0.3125, 0.3198



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.7953, 0.3121, 0.3038



69.1038, 0.3120, 0.2993



39.7376, 0.3202, 0.3134



9.1146, 0.3122, 0.3064



7.9231, 0.2955, 0.1402



0.2929, 0.3025, 0.1440

Inverse Universe

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



39.3662, 0.3290, 0.3264



68.2144, 0.3323, 0.3259



44.6998, 0.3059, 0.3451



9.0268, 0.3272, 0.3267



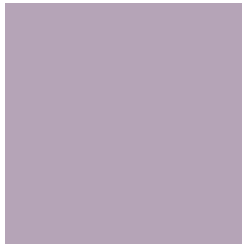
7.0605, 0.6261, 0.3223



0.2539, 0.5798, 0.2968

Previews

White Background



This preview shows how the Yxy color 39.7936, 0.3121, 0.3038 looks on a white background.

Color Contrast Check

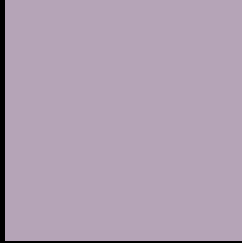
Large Text (above 18pt) WCAG AA × Fail

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 39.7936, 0.3121, 0.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

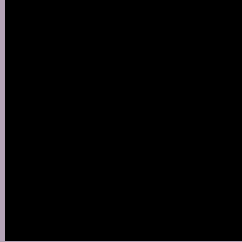
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7936, 0.3121, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 39.7936, 0.3121, 0.3038.



This preview shows how white text looks on a background with the Yxy color 39.7936, 0.3121, 0.3038.

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

39.7936, 0.3121, 0.3038

Protanopia

39.8753, 0.2979, 0.3044

Deuteranopia

40.0325, 0.3111, 0.3051



Tritanopia

39.8279, 0.3154, 0.3116

Trichromacy



Original Color

39.7936, 0.3121, 0.3038

Protanomaly

40.0245, 0.3031, 0.3047

Deuteranomaly

40.0325, 0.3111, 0.3051

Tritanomaly

39.9089, 0.3137, 0.3090

Monochromacy



Original Color

39.7936, 0.3121, 0.3038

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2144, 0.3132, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7936, 0.3121, 0.3038 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(181, 164, 183)` looks like.

```
.text, #text, p{  
    color:rgb(181, 164, 183)  
}
```

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(181, 164, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 164, 183) }
```

Border

The CSS property to change the border of an element to Yxy 39.7936, 0.3121, 0.3038 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(181, 164, 183) }
```

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

```
.border{ border-color:rgb(181, 164, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 164, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 164, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 164, 183); box-shadow:4px 4px 4px 4px rgb(181, 164, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7936, 0.3121, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 164, 183) }
```

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

```
.background{ background-color: rgb(181,  
164, 183) }
```

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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