

Converting Colors

$Y_{xy}(39.9139, 0.2975, 0.2962)$

Have a look what the booklet for
Yxy(39.9139, 0.2975, 0.2962)
contains.

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Color

Yxy(39.8047, 0.2973, 0.2955)

Conversions

Conversions Part 1

Format	Color
Hex	ACA6BF
RGB	172, 166, 191
RGB Percent	67%, 65%, 75%
CMY	0.3256, 0.3490, 0.2511
CMYK	0.10, 0.13, 0.00, 0.25
HSL	254°, 16%, 70%
HSV	254°, 13%, 75%
XYZ	40.0472, 39.8047, 54.8510
YIQ	170.6440, -4.4490, 9.0470

Conversions

Conversions Part 2

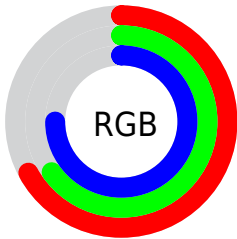
Format	Color
RYB	172, 166, 191
Decimal	11314879
CIELab	69.33, 7.04, -12.02
CIELCh	69, 13.926, 300.362
Yxy	39.8047, 0.2973, 0.2955
Android (android.graphics.Color)	4289504959 (0xFFACA6BF)
YUV	170.6440, 10.0355, 1.1892
Hunter-Lab	63.0910, 2.8942, -7.3828

Details

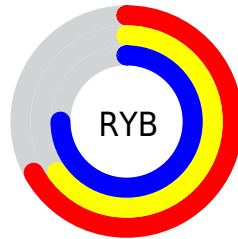
The Yxy color **39.8047, 0.2973, 0.2955** is a light color, and the websafe version is hex **999999**. A complement of this color would be **50.3241, 0.3269, 0.3614**, and the grayscale version is **40.4862, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7592, 0.3002, 0.3019**, and **17.8627, 0.2925, 0.2847** is the 20% darker color. If you saturate the color by 10%, you get **31.8142, 0.2835, 0.2668**, and if you desaturate by 10%, it is **49.0096, 0.3094, 0.3216**.

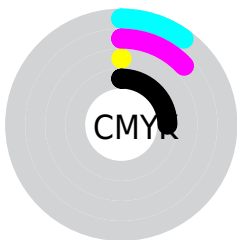
Distribution



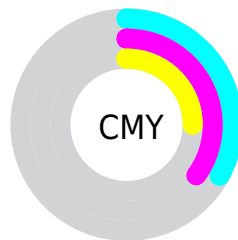
- Red (67%)
- Green (65%)
- Blue (75%)



- Red (67%)
- Yellow (65%)
- Blue (75%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.8047, 0.2973, 0.2955 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 39.8047, 0.2973, 0.2955 by changing the saturation by 10% instead.

■ 39.8047, 0.2973,
0.2955

■ 39.8047, 0.2973,
0.2955

■ 345.2997, 0.3053,
0.3124

■ 27.3863, 0.2952,
0.2912

■ 74.8660, 0.3003,
0.3017

■ 17.8636, 0.2925,
0.2858

■ 98.2777, 0.3014,
0.3040

■ 10.8521, 0.2888,
0.2784

■ 126.1227, 0.3023,
0.3059

■ 5.9675, 0.2834,
0.2682

■ 158.7853, 0.3031,
0.3076

■ 2.8253, 0.2751,
0.2527

■ 196.6499, 0.3037,
0.3090

■ 1.0412, 0.2603,
0.2271

■ 240.1009, 0.3043,

■ 0.0000, 0.1178,

0.3103

0.0000

289.5227, 0.3048,
0.3114

0.0000, 0.0000,
0.0000

39.8047, 0.2973,
0.2955

39.8047, 0.2973,
0.2955

31.8142, 0.2835,
0.2668

49.0096, 0.3094,
0.3216

24.9821, 0.2680,
0.2357

59.4719, 0.3197,
0.3448

19.2553, 0.2510,
0.2031

71.2387, 0.3286,
0.3654

14.5746, 0.2331,
0.1703

84.3529, 0.3362,
0.3835

10.8751, 0.2149,
0.1391

94.6345, 0.3438,
0.3934

■ 8.0847, 0.1976,
0.1115

■ 96.5408, 0.3508,
0.3920

■ 6.1209, 0.1823,
0.0895

■ 4.8854, 0.1699,
0.0744

■ 4.3319, 0.1632,
0.0673

Harmonies

Analogous

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



39.8047, 0.2815, 0.2959



39.8047, 0.2973, 0.2955



39.8047, 0.3177, 0.3034

Triad

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



39.8047, 0.2973, 0.2955



39.8047, 0.3530, 0.3513



39.8047, 0.2882, 0.3404

Complementary

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



39.8047, 0.2973, 0.2955



50.3241, 0.3269, 0.3614

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.



39.8047, 0.3067, 0.3568



39.8047, 0.2973, 0.2955



39.8047, 0.3444, 0.3626

Square

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



39.8047, 0.2973, 0.2955



39.8047, 0.3505, 0.3348



39.8047, 0.3273, 0.3649



39.8047, 0.2764, 0.3212

Rectangle

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



39.8047, 0.2973, 0.2955



39.8047, 0.3313, 0.3123



39.8047, 0.3273, 0.3649



39.8047, 0.2938, 0.3465

Sweetspot

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



39.8064, 0.2973, 0.2955



86.0631, 0.3082, 0.3191



46.6325, 0.2928, 0.3212



18.6093, 0.3074, 0.3172



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



39.8064, 0.2973, 0.2955



66.5241, 0.2931, 0.2866



41.2690, 0.3082, 0.2966



9.3324, 0.3020, 0.3055



2.8791, 0.1643, 0.0679



0.1440, 0.1899, 0.0820

Inverse Universe

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



41.8556, 0.3193, 0.3046



71.0069, 0.3211, 0.2985



48.8540, 0.3166, 0.3624



9.6563, 0.3173, 0.3117



8.6442, 0.3913, 0.1929



0.3482, 0.3712, 0.1818

Previews

White Background



This preview shows how the Yxy color 39.8047, 0.2973, 0.2955 looks on a white background.

Color Contrast Check

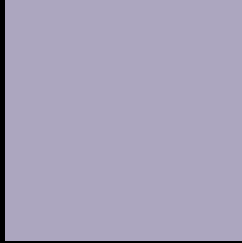
Large Text (above 18pt) WCAG AA × Fail

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 39.8047, 0.2973, 0.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

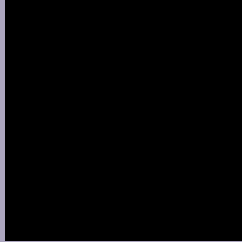
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8047, 0.2973, 0.2955

Background



This preview shows how black text looks on a background with the Yxy color 39.8047, 0.2973, 0.2955.



This preview shows how white text looks on a background with the Yxy color 39.8047, 0.2973, 0.2955.

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

39.8047, 0.2973, 0.2955

Protanopia

39.8104, 0.2906, 0.2963

Deuteranopia

39.7858, 0.2999, 0.2944



Tritanopia

39.8875, 0.3037, 0.3112

Trichromacy



Original Color

39.8047, 0.2973, 0.2955

Protanomaly

39.7680, 0.2931, 0.2952

Deuteranomaly

39.6705, 0.2991, 0.2943

Tritanomaly

39.7981, 0.3013, 0.3046

Monochromacy



Original Color

39.8047, 0.2973, 0.2955

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2482, 0.3070, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8047, 0.2973, 0.2955 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(172, 166, 191)` looks like.

```
.text, #text, p{  
    color:rgb(172, 166, 191)  
}
```

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(172, 166, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 166, 191) }
```

Border

The CSS property to change the border of an element to Yxy 39.8047, 0.2973, 0.2955 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(172, 166, 191) }
```

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

```
.border{ border-color:rgb(172, 166, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 166, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 166, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 166, 191);  
box-shadow:4px 4px 4px 4px rgb(172, 166,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8047, 0.2973, 0.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 166, 191) }
```

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

```
.background{ background-color: rgb(172,  
166, 191) }
```

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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