

Converting Colors

$Y_{xy}(43.4598, 0.2973, 0.2961)$

Have a look what the booklet for
Yxy(43.4598, 0.2973, 0.2961)
contains.

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Color

Yxy(43.5481, 0.2979, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	B3ADC6
RGB	179, 173, 198
RGB Percent	70%, 68%, 78%
CMY	0.2978, 0.3216, 0.2235
CMYK	0.10, 0.13, 0.00, 0.22
HSL	255°, 18%, 73%
HSV	255°, 13%, 78%
XYZ	43.7390, 43.5481, 59.5373
YIQ	177.6440, -4.4490, 9.0470

Conversions

Conversions Part 2

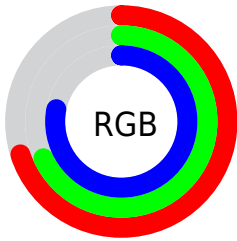
Format	Color
RYB	179, 173, 198
Decimal	11775430
CIELab	71.93, 7.03, -11.95
CIELCh	72, 13.867, 300.482
Yxy	43.5481, 0.2979, 0.2966
Android (android.graphics.Color)	4289965510 (0xFFB3ADC6)
YUV	177.6440, 10.0355, 1.1892
Hunter-Lab	65.9910, 2.8260, -7.2979

Details

The Yxy color $43.5481, 0.2979, 0.2966$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $54.6121, 0.3264, 0.3604$, and the grayscale version is $44.2761, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.3690, 0.3006, 0.3018$, and $20.1240, 0.2934, 0.2883$ is the 20% darker color. If you saturate the color by 10%, you get $34.8197, 0.2842, 0.2679$, and if you desaturate by 10%, it is $53.5999, 0.3098, 0.3226$.

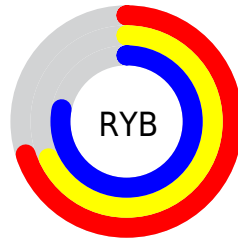
Distribution



Red (70%)

Green (68%)

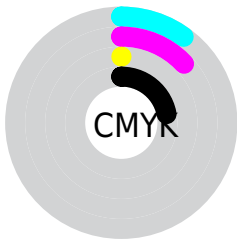
Blue (78%)



Red (70%)

Yellow (68%)

Blue (78%)

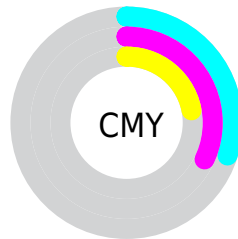


Cyan (10%)

Magenta (13%)

Yellow (0%)

Black (22%)



Cyan (30%)

Magenta (32%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5481, 0.2979, 0.2966 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 43.5481, 0.2979, 0.2966 by changing the saturation by 10% instead.

■ 43.5481, 0.2979,
0.2966

■ 43.5481, 0.2979,
0.2966

360.8610, 0.3055,
0.3127

■ 30.3154, 0.2960,
0.2926

■ 80.5373, 0.3007,
0.3024

■ 20.0781, 0.2935,
0.2875

105.0626, 0.3017,
0.3046

■ 12.4518, 0.2901,
0.2808

134.1209, 0.3026,
0.3065

■ 7.0522, 0.2853,
0.2715

168.0966, 0.3033,
0.3081

■ 3.4948, 0.2780,
0.2577

207.3740, 0.3040,
0.3095

■ 1.3952, 0.2655,
0.2356

252.3377, 0.3045,

■ 0.2132, 0.2257,

0.3107

0.1285

303.3718, 0.3050,
0.3117

0.0000, 0.0000,
0.0000

43.5481, 0.2979,
0.2966

43.5481, 0.2979,
0.2966

34.8197, 0.2842,
0.2679

53.5999, 0.3098,
0.3226

27.3537, 0.2688,
0.2369

65.0219, 0.3201,
0.3458

21.0924, 0.2519,
0.2043

77.8651, 0.3289,
0.3663

15.9716, 0.2340,
0.1715

92.1765, 0.3364,
0.3843

11.9206, 0.2159,
0.1402

96.6753, 0.3459,
0.3851

■ 8.8610, 0.1985,
0.1124

■ 96.8581, 0.3466,
0.3850

■ 6.7033, 0.1831,
0.0902

■ 5.3407, 0.1706,
0.0749

■ 4.7083, 0.1634,
0.0674

Harmonies

Analogous

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



43.5481, 0.2825, 0.2970



43.5481, 0.2979, 0.2966



43.5481, 0.3177, 0.3042

Triad

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



43.5481, 0.2979, 0.2966



43.5481, 0.3516, 0.3507



43.5481, 0.2890, 0.3400

Complementary

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



43.5481, 0.2979, 0.2966



54.6121, 0.3264, 0.3604

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.



43.5481, 0.3069, 0.3558



43.5481, 0.2979, 0.2966



43.5481, 0.3433, 0.3615

Square

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



43.5481, 0.2979, 0.2966



43.5481, 0.3492, 0.3347



43.5481, 0.3268, 0.3637



43.5481, 0.2775, 0.3214

Rectangle

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



43.5481, 0.2979, 0.2966



43.5481, 0.3308, 0.3129



43.5481, 0.3268, 0.3637



43.5481, 0.2944, 0.3459

Sweetspot

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



43.5499, 0.2979, 0.2966



92.2283, 0.3083, 0.3191



50.7377, 0.2934, 0.3214



19.4374, 0.3074, 0.3172



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.



43.5499, 0.2979, 0.2966



72.8915, 0.2945, 0.2894



45.0798, 0.3084, 0.2976



10.4097, 0.3020, 0.3054



3.0951, 0.1645, 0.0680



0.1815, 0.1867, 0.0802

Inverse Universe

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



45.6923, 0.3192, 0.3055



77.3932, 0.3207, 0.3005



53.0759, 0.3165, 0.3614



10.7709, 0.3174, 0.3117



9.2523, 0.3929, 0.1938



0.4490, 0.3749, 0.1839

Previews

White Background



This preview shows how the Yxy color 43.5481, 0.2979, 0.2966 looks on a white background.

Color Contrast Check

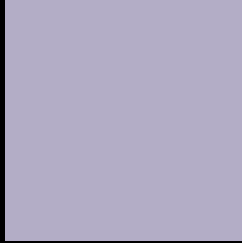
Large Text (above 18pt) WCAG AA × Fail

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 43.5481, 0.2979, 0.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

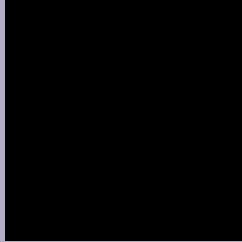
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5481, 0.2979, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 43.5481, 0.2979, 0.2966.



This preview shows how white text looks on a background with the Yxy color 43.5481, 0.2979, 0.2966.

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

43.5481, 0.2979, 0.2966

Protanopia

43.6677, 0.2922, 0.2976

Deuteranopia

43.6495, 0.3013, 0.2957



Tritanopia

43.6379, 0.3040, 0.3118

Trichromacy



Original Color

43.5481, 0.2979, 0.2966

Protanomaly

43.5096, 0.2938, 0.2964

Deuteranomaly

43.5273, 0.3004, 0.2956

Tritanomaly

43.5429, 0.3017, 0.3054

Monochromacy



Original Color

43.5481, 0.2979, 0.2966

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.0184, 0.3072, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5481, 0.2979, 0.2966 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(179, 173, 198)` looks like.

```
.text, #text, p{  
    color:rgb(179, 173, 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(179, 173, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 173, 198) }
```

Border

The CSS property to change the border of an element to Yxy 43.5481, 0.2979, 0.2966 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(179, 173, 198) }
```

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

```
.border{ border-color:rgb(179, 173, 198) }
```

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

Here you see how a box with a 4 pixel rgb(179, 173, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 173, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 173, 198);  
box-shadow:4px 4px 4px 4px rgb(179, 173,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5481, 0.2979, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 173, 198) }
```

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

```
.background{ background-color: rgb(179,  
173, 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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