

Converting Colors

$Y_{xy}(38.1988, 0.2847, 0.2641)$

Have a look what the booklet for
Yxy(38.1988, 0.2847, 0.2641)
contains.

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Color

Yxy(38.3984, 0.2846, 0.2642)

Conversions

Conversions Part 1

Format	Color
Hex	AE9FD1
RGB	174, 159, 209
RGB Percent	68%, 62%, 82%
CMY	0.3177, 0.3765, 0.1802
CMYK	0.17, 0.24, 0.00, 0.18
HSL	258°, 35%, 72%
HSV	258°, 24%, 82%
XYZ	41.3633, 38.3984, 65.5767
YIQ	169.1850, -7.1100, 18.7300

Conversions

Conversions Part 2

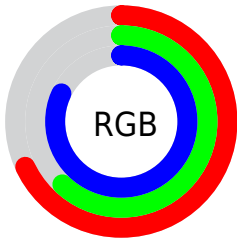
Format	Color
RYB	174, 159, 209
Decimal	11444177
CIELab	68.31, 15.48, -23.53
CIElCh	68, 28.169, 303.347
Yxy	38.3984, 0.2846, 0.2642
Android (android.graphics.Color)	4289634257 (0xFFAE9FD1)
YUV	169.1850, 19.6288, 4.2228
Hunter-Lab	61.9664, 10.7095, -19.3678

Details

The Yxy color **38.3984, 0.2846, 0.2642** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **59.5991, 0.3365, 0.3907**, and the grayscale version is **39.6767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1361, 0.2972, 0.2869**, and **17.1232, 0.2762, 0.2479** is the 20% darker color. If you saturate the color by 10%, you get **30.2170, 0.2701, 0.2333**, and if you desaturate by 10%, it is **47.9821, 0.2975, 0.2931**.

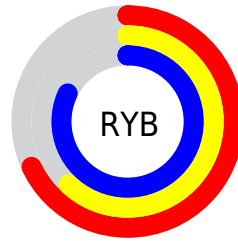
Distribution



Red (68%)

Green (62%)

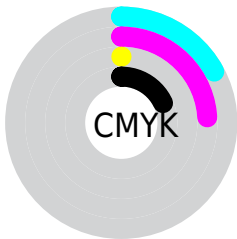
Blue (82%)



Red (68%)

Yellow (62%)

Blue (82%)

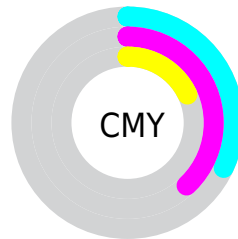


Cyan (17%)

Magenta (24%)

Yellow (0%)

Black (18%)



Cyan (32%)


Magenta (38%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3984, 0.2846, 0.2642 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 38.3984, 0.2846, 0.2642 by changing the saturation by 10% instead.


 38.3984, 0.2846,
0.2642

 38.3984, 0.2846,
0.2642


339.3259, 0.2993,
0.2962

 26.2920, 0.2807,
0.2564


 72.7184, 0.2901,
0.2757

 17.0422, 0.2757,
0.2464


 95.7008, 0.2921,
0.2801

 10.2646, 0.2688,
0.2334


123.0773, 0.2938,
0.2838

 5.5748, 0.2590,
0.2156

155.2324, 0.2953,
0.2870

 2.5883, 0.2438,
0.1903

192.5504, 0.2965,
0.2898

 0.9208, 0.2184,
0.1519

235.4157, 0.2976,

 0.0000, 0.1162,

0.2922

0.0000

284.2128, 0.2985,
0.2943

0.0000, 0.0000,
0.0000

38.3984, 0.2846,
0.2642

38.3984, 0.2846,
0.2642

30.2170, 0.2701,
0.2333

47.9821, 0.2975,
0.2931

23.3660, 0.2541,
0.2011

59.0257, 0.3087,
0.3194

17.7746, 0.2371,
0.1690

71.5894, 0.3184,
0.3430

13.3631, 0.2198,
0.1387

85.7286, 0.3266,
0.3641

10.0422, 0.2032,
0.1121

95.9371, 0.3348,
0.3748

■ 7.7098, 0.1881,
0.0911

■ 97.3853, 0.3399,
0.3740

■ 6.2427, 0.1757,
0.0768

■ 5.6488, 0.1694,
0.0707

Harmonies

Analogous

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



38.3984, 0.2526, 0.2622



38.3984, 0.2846, 0.2642



38.3984, 0.3264, 0.2809

Triad

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



38.3984, 0.2846, 0.2642



38.3984, 0.3946, 0.3747



38.3984, 0.2599, 0.3481

Complementary

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



38.3984, 0.2846, 0.2642



59.5991, 0.3365, 0.3907

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.



38.3984, 0.2953, 0.3853



38.3984, 0.2846, 0.2642



38.3984, 0.3737, 0.3986

Square

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



38.3984, 0.2846, 0.2642



38.3984, 0.3924, 0.3420



38.3984, 0.3370, 0.4040



38.3984, 0.2390, 0.3074

Rectangle

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



38.3984, 0.2846, 0.2642



38.3984, 0.3543, 0.2984



38.3984, 0.3370, 0.4040



38.3984, 0.2704, 0.3617

Sweetspot

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



38.4000, 0.2846, 0.2642



86.8403, 0.3054, 0.3114



50.9446, 0.2761, 0.3106



18.3564, 0.3047, 0.3098



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.



38.4000, 0.2846, 0.2642



53.0119, 0.2769, 0.2477



41.4354, 0.3058, 0.2681



11.5868, 0.3028, 0.3053



3.5266, 0.1707, 0.0714



0.2384, 0.1910, 0.0826

Inverse Universe

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



42.2558, 0.3287, 0.2867



60.2030, 0.3332, 0.2769



56.6512, 0.3176, 0.3945



11.9462, 0.3183, 0.3129



9.6635, 0.4136, 0.2052



0.5540, 0.3927, 0.1937

Previews

White Background



This preview shows how the Yxy color 38.3984, 0.2846, 0.2642 looks on a white background.

Color Contrast Check

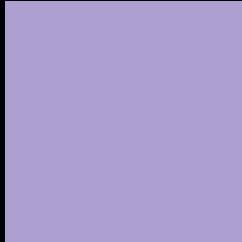
Large Text (above 18pt) WCAG AA × Fail

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 38.3984, 0.2846, 0.2642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

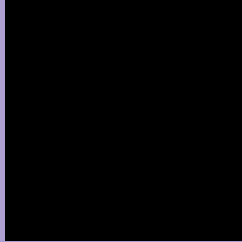
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3984, 0.2846, 0.2642

Background



This preview shows how black text looks on a background with the Yxy color 38.3984, 0.2846, 0.2642.



This preview shows how white text looks on a background with the Yxy color 38.3984, 0.2846, 0.2642.

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

38.3984, 0.2846, 0.2642

Protanopia

38.5844, 0.2662, 0.2648

Deuteranopia

38.3255, 0.2749, 0.2689



Tritanopia

38.5596, 0.3053, 0.3110

Trichromacy



Original Color

38.3984, 0.2846, 0.2642

Protanomaly

38.5249, 0.2721, 0.2642

Deuteranomaly

38.5017, 0.2789, 0.2682

Tritanomaly

38.5264, 0.2980, 0.2938

Monochromacy



Original Color

38.3984, 0.2846, 0.2642

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.0289, 0.3021, 0.3031

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3984, 0.2846, 0.2642 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(174, 159, 209)` looks like.

```
.text, #text, p{  
    color:rgb(174, 159, 209)  
}
```

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(174, 159, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 159, 209) }
```

Border

The CSS property to change the border of an element to Yxy 38.3984, 0.2846, 0.2642 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(174, 159, 209) }
```

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

```
.border{ border-color:rgb(174, 159, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 159, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 159, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 159, 209);  
box-shadow:4px 4px 4px 4px rgb(174, 159,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3984, 0.2846, 0.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 159, 209) }
```

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

```
.background{ background-color: rgb(174,  
159, 209) }
```

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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