

Converting Colors

$Yxy(38.8781, 0.2778, 0.2382)$

Have a look what the booklet for
Yxy(38.8781, 0.2778, 0.2382)
contains.

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Color

Yxy(38.9587, 0.2778, 0.2380)

Conversions

Conversions Part 1

Format	Color
Hex	B89AE5
RGB	184, 154, 229
RGB Percent	72%, 60%, 90%
CMY	0.2783, 0.3961, 0.1019
CMYK	0.20, 0.33, 0.00, 0.10
HSL	264°, 59%, 75%
HSV	264°, 33%, 90%
XYZ	45.4736, 38.9587, 79.2597
YIQ	171.5200, -6.1950, 29.6850

Conversions

Conversions Part 2

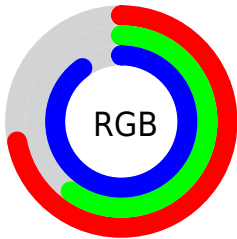
Format	Color
R_{YB}	184, 154, 229
Decimal	12098277
CIE _{Lab}	68.72, 25.88, -33.84
CIE _{LCh}	69, 42.604, 307.409
Yxy	38.9587, 0.2778, 0.2380
Android (android.graphics.Color)	4290288357 (0xFFB89AE5)
YUV	171.5200, 28.3376, 10.9450
Hunter-Lab	62.4169, 20.8160, -31.5972

Details

The Yxy color **38.9587, 0.2778, 0.2380** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **70.5142, 0.3395, 0.4171**, and the grayscale version is **40.8595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.5217, 0.3049, 0.2827**, and **17.4635, 0.2672, 0.2161** is the 20% darker color. If you saturate the color by 10%, you get **30.4946, 0.2641, 0.2069**, and if you desaturate by 10%, it is **49.0324, 0.2902, 0.2681**.

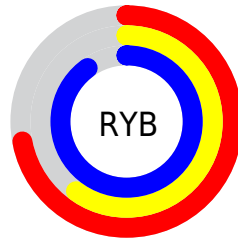
Distribution



Red (72%)

Green (60%)

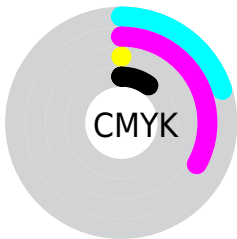
Blue (90%)



Red (72%)

Yellow (60%)

Blue (90%)

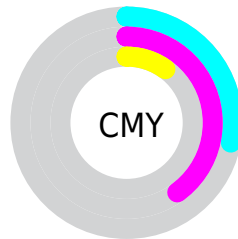


Cyan (20%)

Magenta (33%)

Yellow (0%)

Black (10%)



Cyan (28%)


Magenta (40%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9587, 0.2778, 0.2380 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 38.9587, 0.2778, 0.2380 by changing the saturation by 10% instead.


 38.9587, 0.2778,
0.2380


 38.9587, 0.2778,
0.2380

341.7149, 0.2963,
0.2817

 26.7276, 0.2730,
0.2278


 73.5752, 0.2847,
0.2534

 17.3687, 0.2667,
0.2150


 96.7294, 0.2872,
0.2593

 10.4977, 0.2582,
0.1988

124.2935, 0.2894,
0.2644

 5.7302, 0.2463,
0.1776

156.6517, 0.2912,
0.2688

 2.6817, 0.2286,
0.1490

194.1886, 0.2927,
0.2726

 0.9679, 0.2003,
0.1098

237.2885, 0.2940,


 0.0000, 0.1496,


0.2760


0.0000


286.3358, 0.2952,
0.2790


 0.0000, 0.0000,
0.0000


 38.9587, 0.2778,
0.2380

 38.9587, 0.2778,
0.2380


 30.4946, 0.2641,
0.2069

 49.0324, 0.2902,
0.2681


 23.5486, 0.2492,
0.1760


 60.7913, 0.3010,
0.2963


 18.0266, 0.2338,
0.1467

 74.3116, 0.3104,
0.3223

 13.8222, 0.2184,
0.1210

 89.6636, 0.3184,
0.3458

 10.8129, 0.2040,
0.1002

 98.0000, 0.3265,
0.3543

■ 8.8517, 0.1912,
0.0856

■ 98.4378, 0.3280,
0.3542

■ 7.9196, 0.1832,
0.0783

Harmonies

Analogous

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



38.9587, 0.2297, 0.2311



38.9587, 0.2778, 0.2380



38.9587, 0.3409, 0.2639

Triad

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



38.9587, 0.2778, 0.2380



38.9587, 0.4321, 0.3986



38.9587, 0.2287, 0.3480

Complementary

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



38.9587, 0.2778, 0.2380



70.5142, 0.3395, 0.4171

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.



38.9587, 0.2770, 0.4102



38.9587, 0.2778, 0.2380



38.9587, 0.3950, 0.4349

Square

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



38.9587, 0.2778, 0.2380



38.9587, 0.4356, 0.3513



38.9587, 0.3379, 0.4432



38.9587, 0.2036, 0.2868

Rectangle

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



38.9587, 0.2778, 0.2380



38.9587, 0.3829, 0.2894



38.9587, 0.3379, 0.4432



38.9587, 0.2426, 0.3701

Sweetspot

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



38.9603, 0.2778, 0.2380



82.0111, 0.3037, 0.3036



53.3744, 0.2614, 0.2914



17.0525, 0.3023, 0.2998



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.



38.9603, 0.2778, 0.2380



42.5000, 0.2691, 0.2179



44.2171, 0.3099, 0.2462



14.1675, 0.3043, 0.3051



4.5932, 0.1848, 0.0792



0.3923, 0.2012, 0.0882

Inverse Universe

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



43.8886, 0.3436, 0.2783



49.8008, 0.3518, 0.2682



66.0058, 0.3131, 0.4247



14.5123, 0.3199, 0.3150



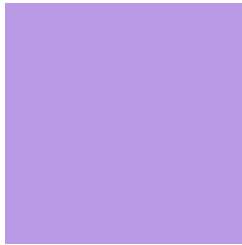
10.5857, 0.4539, 0.2274



0.8005, 0.4292, 0.2138

Previews

White Background



This preview shows how the Yxy color 38.9587, 0.2778, 0.2380 looks on a white background.

Color Contrast Check

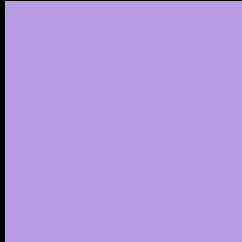
Large Text (above 18pt) WCAG AA × Fail

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 38.9587, 0.2778, 0.2380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

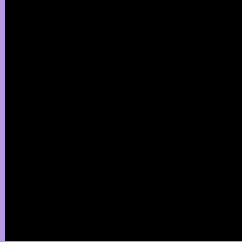
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9587, 0.2778, 0.2380

Background



This preview shows how black text looks on a background with the Yxy color 38.9587, 0.2778, 0.2380.



This preview shows how white text looks on a background with the Yxy color 38.9587, 0.2778, 0.2380.

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

38.9587, 0.2778, 0.2380

Protanopia

39.1031, 0.2444, 0.2356

Deuteranopia

39.0356, 0.2550, 0.2483



Tritanopia

38.8392, 0.3117, 0.3113

Trichromacy



Original Color

38.9587, 0.2778, 0.2380

Protanomaly

38.8588, 0.2551, 0.2358

Deuteranomaly

38.8777, 0.2625, 0.2439

Tritanomaly

38.5921, 0.2985, 0.2817

Monochromacy



Original Color

38.9587, 0.2778, 0.2380

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

39.9906, 0.2992, 0.2919

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9587, 0.2778, 0.2380 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(184, 154, 229)` looks like.

```
.text, #text, p{  
    color:rgb(184, 154, 229)  
}
```

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(184, 154, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 154, 229) }
```

Border

The CSS property to change the border of an element to Yxy 38.9587, 0.2778, 0.2380 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(184, 154, 229) }
```

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

```
.border{ border-color:rgb(184, 154, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 154, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 154, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 154, 229);  
box-shadow:4px 4px 4px 4px rgb(184, 154,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9587, 0.2778, 0.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 154, 229) }
```

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

```
.background{ background-color: rgb(184,  
154, 229) }
```

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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