

Converting Colors

$Yxy(38.1001, 0.2802, 0.2424)$

Have a look what the booklet for
Yxy(38.1001, 0.2802, 0.2424)
contains.

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Color

Yxy(38.0553, 0.2805, 0.2426)

Conversions

Conversions Part 1

Format	Color
Hex	B699DF
RGB	182, 153, 223
RGB Percent	71%, 60%, 87%
CMY	0.2862, 0.4000, 0.1257
CMYK	0.18, 0.31, 0.00, 0.13
HSL	265°, 52%, 74%
HSV	265°, 31%, 87%
XYZ	44.0005, 38.0553, 74.8086
YIQ	169.6510, -5.1860, 27.9180

Conversions

Conversions Part 2

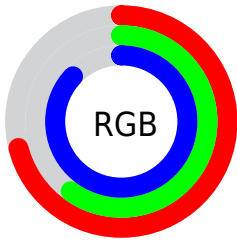
Format	Color
R _Y B	182, 153, 223
Decimal	11966943
CIE Lab	68.06, 24.46, -31.55
CIE LCh	68, 39.916, 307.786
Yxy	38.0553, 0.2805, 0.2426
Android (android.graphics.Color)	4290157023 (0xFFB699DF)
YUV	169.6510, 26.3011, 10.8301
Hunter-Lab	61.6890, 19.3617, -28.7172

Details

The Yxy color **38.0553, 0.2805, 0.2426** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **66.5152, 0.3377, 0.4132**, and the grayscale version is **39.8860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6825, 0.3035, 0.2815**, and **16.9191, 0.2696, 0.2201** is the 20% darker color. If you saturate the color by 10%, you get **29.9118, 0.2673, 0.2118**, and if you desaturate by 10%, it is **47.7136, 0.2923, 0.2723**.

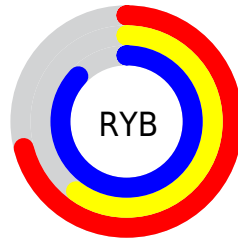
Distribution



Red (71%)

Green (60%)

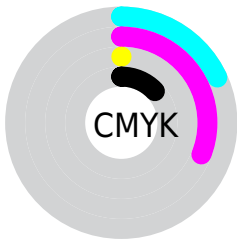
Blue (87%)



Red (71%)

Yellow (60%)

Blue (87%)

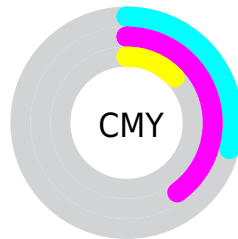


Cyan (18%)

Magenta (31%)

Yellow (0%)

Black (13%)



Cyan (29%)


Magenta (40%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0553, 0.2805, 0.2426 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 38.0553, 0.2805, 0.2426 by changing the saturation by 10% instead.


 38.0553, 0.2805,
0.2426


 38.0553, 0.2805,
0.2426


337.8571, 0.2976,
0.2844

 26.0256, 0.2760,
0.2327


 72.1929, 0.2869,
0.2574

 16.8428, 0.2701,
0.2203


 95.0696, 0.2893,
0.2631

 10.1225, 0.2621,
0.2044


122.3307, 0.2912,
0.2679

 5.4802, 0.2507,
0.1834

154.3607, 0.2929,
0.2721

 2.5317, 0.2335,
0.1547

191.5440, 0.2943,
0.2758

 0.8925, 0.2054,
0.1145

234.2649, 0.2956,


 0.0000, 0.1426,


0.2790


0.0000


282.9078, 0.2967,
0.2819


 0.0000, 0.0000,
0.0000


 38.0553, 0.2805,
0.2426


 38.0553, 0.2805,
0.2426


 29.9118, 0.2673,
0.2118


 47.7136, 0.2923,
0.2723


 23.1981, 0.2529,
0.1810

 58.9559, 0.3027,
0.3001

 17.8282, 0.2379,
0.1517

 71.8531, 0.3116,
0.3257

 13.7043, 0.2227,
0.1255

 86.4700, 0.3192,
0.3488

 10.7146, 0.2083,
0.1042

 96.6670, 0.3266,
0.3607

■ 8.7260, 0.1954,
0.0887

■ 98.1055, 0.3316,
0.3602

■ 7.6255, 0.1857,
0.0797

Harmonies

Analogous

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



38.0553, 0.2344, 0.2359



38.0553, 0.2805, 0.2426



38.0553, 0.3403, 0.2676

Triad

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



38.0553, 0.2805, 0.2426



38.0553, 0.4255, 0.3961



38.0553, 0.2327, 0.3463

Complementary

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



38.0553, 0.2805, 0.2426



66.5152, 0.3377, 0.4132

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.



38.0553, 0.2785, 0.4047



38.0553, 0.2805, 0.2426



38.0553, 0.3904, 0.4297

Square

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



38.0553, 0.2805, 0.2426



38.0553, 0.4290, 0.3513



38.0553, 0.3362, 0.4363



38.0553, 0.2089, 0.2889

Rectangle

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



38.0553, 0.2805, 0.2426



38.0553, 0.3797, 0.2920



38.0553, 0.3362, 0.4363



38.0553, 0.2459, 0.3671

Sweetspot

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



38.0569, 0.2805, 0.2426



83.7625, 0.3049, 0.3062



51.1181, 0.2637, 0.2933



17.4046, 0.3035, 0.3024



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.



38.0569, 0.2805, 0.2426



43.7533, 0.2715, 0.2214



42.7027, 0.3101, 0.2498



13.5196, 0.3045, 0.3052



4.5483, 0.1872, 0.0805



0.3669, 0.2046, 0.0901

Inverse Universe

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



42.3578, 0.3428, 0.2817



50.6443, 0.3518, 0.2711



62.5269, 0.3131, 0.4199



13.8344, 0.3201, 0.3154



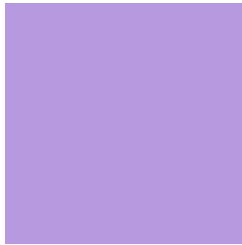
10.2030, 0.4595, 0.2305



0.7249, 0.4324, 0.2155

Previews

White Background



This preview shows how the Yxy color 38.0553, 0.2805, 0.2426 looks on a white background.

Color Contrast Check

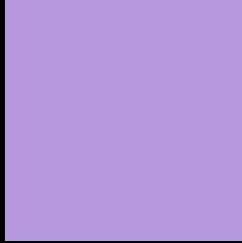
Large Text (above 18pt) WCAG AA × Fail

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 38.0553, 0.2805, 0.2426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

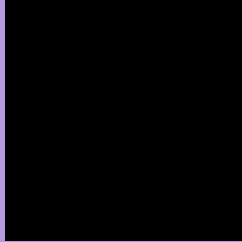
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0553, 0.2805, 0.2426

Background



This preview shows how black text looks on a background with the Yxy color 38.0553, 0.2805, 0.2426.



This preview shows how white text looks on a background with the Yxy color 38.0553, 0.2805, 0.2426.

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

38.0553, 0.2805, 0.2426

Protanopia

38.4314, 0.2489, 0.2418

Deuteranopia

38.0902, 0.2591, 0.2524



Tritanopia

37.9345, 0.3126, 0.3111

Trichromacy



Original Color

38.0553, 0.2805, 0.2426

Protanomaly

38.1140, 0.2594, 0.2419

Deuteranomaly

37.8567, 0.2663, 0.2477

Tritanomaly

37.9492, 0.3009, 0.2852

Monochromacy



Original Color

38.0553, 0.2805, 0.2426

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.2237, 0.3007, 0.2955

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0553, 0.2805, 0.2426 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(182, 153, 223)` looks like.

```
.text, #text, p{  
    color:rgb(182, 153, 223)  
}
```

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(182, 153, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 153, 223) }
```

Border

The CSS property to change the border of an element to Yxy 38.0553, 0.2805, 0.2426 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(182, 153, 223) }
```

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

```
.border{ border-color:rgb(182, 153, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 153, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 153, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 153, 223);  
box-shadow:4px 4px 4px 4px rgb(182, 153,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0553, 0.2805, 0.2426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 153, 223) }
```

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

```
.background{ background-color: rgb(182,  
153, 223) }
```

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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