

Converting Colors

$Yxy(38.2402, 0.3036, 0.2786)$

Have a look what the booklet for
Yxy(38.2402, 0.3036, 0.2786)
contains.

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Color

Yxy(38.2898, 0.3039, 0.2785)

Conversions

Conversions Part 1

Format	Color
Hex	B89DC4
RGB	184, 157, 196
RGB Percent	72%, 62%, 77%
CMY	0.2786, 0.3842, 0.2314
CMYK	0.06, 0.20, 0.00, 0.23
HSL	281°, 25%, 69%
HSV	281°, 20%, 77%
XYZ	41.7819, 38.2898, 57.4141
YIQ	169.5190, 3.5730, 17.8530

Conversions

Conversions Part 2

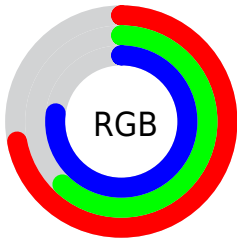
Format	Color
RYB	184, 157, 196
Decimal	12099012
CIELab	68.23, 17.10, -16.35
CIELCh	68, 23.658, 316.291
Yxy	38.2898, 0.3039, 0.2785
Android (android.graphics.Color)	4290289092 (0xFFB89DC4)
YUV	169.5190, 13.0551, 12.6998
Hunter-Lab	61.8788, 12.2394, -11.6970

Details

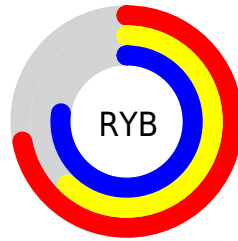
The Yxy color **38.2898, 0.3039, 0.2785** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.3567, 0.3198, 0.3816**, and the grayscale version is **39.8788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7041, 0.3054, 0.2876**, and **17.0864, 0.3014, 0.2655** is the 20% darker color. If you saturate the color by 10%, you get **31.4506, 0.2983, 0.2514**, and if you desaturate by 10%, it is **46.2282, 0.3087, 0.3046**.

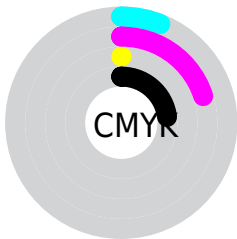
Distribution



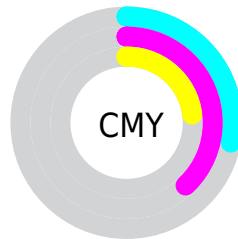
- Red (72%)
- Green (62%)
- Blue (77%)



- Red (72%)
- Yellow (62%)
- Blue (77%)



- Cyan (6%)
- Magenta (20%)
- Yellow (0%)
- Black (23%)





- Cyan (28%)
- Magenta (38%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.2898, 0.3039, 0.2785 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 38.2898, 0.3039, 0.2785 by changing the saturation by 10% instead.


 38.2898, 0.3039,
0.2785


 38.2898, 0.3039,
0.2785


338.8615, 0.3088,
0.3036

 26.2077, 0.3025,
0.2723


 72.5521, 0.3058,
0.2876

 16.9791, 0.3007,
0.2643


 95.5011, 0.3065,
0.2910

 10.2196, 0.2981,
0.2538


122.8412, 0.3070,
0.2939

 5.5448, 0.2942,
0.2393

154.9567, 0.3075,
0.2964

 2.5703, 0.2879,
0.2180

192.2321, 0.3079,
0.2986

 0.9118, 0.2759,
0.1842


235.0518, 0.3082,


 0.0000, 0.1994,


0.3005


0.0000


283.8001, 0.3085,
0.3022

 0.0000, 0.0000,
0.0000

 38.2898, 0.3039,
0.2785


 38.2898, 0.3039,
0.2785

 31.4506, 0.2983,
0.2514


 46.2282, 0.3087,
0.3046

 25.6546, 0.2918,
0.2241


 55.3085, 0.3128,
0.3293


 20.8483, 0.2846,
0.1975

 65.5771, 0.3161,
0.3521

 16.9715, 0.2767,
0.1728

 77.0764, 0.3188,
0.3731

 13.9569, 0.2685,
0.1511

 89.8352, 0.3210,
0.3922

■ 11.7284, 0.2601,
0.1335

■ 90.7639, 0.3249,
0.3915

■ 10.1958, 0.2519,
0.1206

■ 91.7268, 0.3288,
0.3907

■ 9.1877, 0.2440,
0.1118

■ 92.7242, 0.3327,
0.3899

■ 9.1775, 0.2439,
0.1117

■ 93.7565, 0.3367,
0.3891

Harmonies

Analogous

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



38.2898, 0.2722, 0.2712



38.2898, 0.3039, 0.2785



38.2898, 0.3398, 0.2974

Triad

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



38.2898, 0.3039, 0.2785



38.2898, 0.3763, 0.3781



38.2898, 0.2586, 0.3302

Complementary

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



38.2898, 0.3039, 0.2785



50.3567, 0.3198, 0.3816

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.



38.2898, 0.2842, 0.3638



38.2898, 0.3039, 0.2785



38.2898, 0.3522, 0.3917

Square

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



38.2898, 0.3039, 0.2785



38.2898, 0.3830, 0.3531



38.2898, 0.3183, 0.3871



38.2898, 0.2472, 0.2987

Rectangle

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



38.2898, 0.3039, 0.2785



38.2898, 0.3609, 0.3146



38.2898, 0.3183, 0.3871



38.2898, 0.2657, 0.3418

Sweetspot

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



38.2914, 0.3039, 0.2785



89.7388, 0.3103, 0.3142



39.6663, 0.2810, 0.2924



18.9789, 0.3101, 0.3125



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.



38.2914, 0.3039, 0.2785



63.5657, 0.3015, 0.2664



39.5235, 0.3214, 0.2887



10.0865, 0.3089, 0.3060



5.9439, 0.2449, 0.1123



0.2918, 0.2625, 0.1219

Inverse Universe

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



38.7222, 0.3399, 0.3134



64.5432, 0.3477, 0.3097



49.3371, 0.3051, 0.3729



10.1280, 0.3242, 0.3219



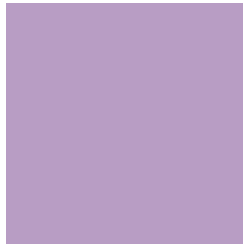
7.7676, 0.5705, 0.2917



0.3482, 0.5055, 0.2558

Previews

White Background



This preview shows how the Yxy color 38.2898, 0.3039, 0.2785 looks on a white background.

Color Contrast Check

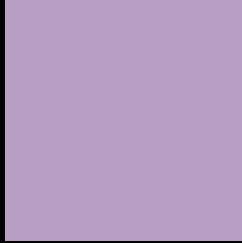
Large Text (above 18pt) WCAG AA × Fail

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 38.2898, 0.3039, 0.2785 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 38.2898, 0.3039, 0.2785

Background



This preview shows how black text looks on a background with the Yxy color 38.2898, 0.3039, 0.2785.



This preview shows how white text looks on a background with the Yxy color 38.2898, 0.3039, 0.2785.

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

38.2898, 0.3039, 0.2785

Protanopia

38.4982, 0.2786, 0.2801

Deuteranopia

38.2158, 0.2914, 0.2846



Tritanopia

38.3695, 0.3202, 0.3115

Trichromacy



Original Color

38.2898, 0.3039, 0.2785

Protanomaly

38.2890, 0.2874, 0.2795

Deuteranomaly

38.0804, 0.2957, 0.2824

Tritanomaly

38.4641, 0.3141, 0.2997

Monochromacy



Original Color

38.2898, 0.3039, 0.2785

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.2789, 0.3099, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2898, 0.3039, 0.2785 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, 157, 196)` looks like.

```
.text, #text, p{  
    color:rgb(184, 157, 196)  
}
```

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, 157, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 157, 196) }
```

Border

The CSS property to change the border of an element to Yxy 38.2898, 0.3039, 0.2785 is called "border". The border property can be set on classes, ids or directly on the HTML element.

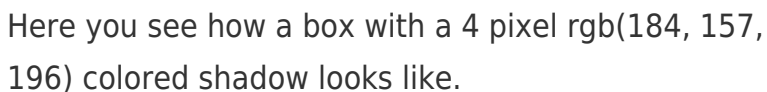
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 157, 196) }
```

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

```
.border{ border-color:rgb(184, 157, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 157, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 157, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 157, 196); box-shadow:4px 4px 4px 4px rgb(184, 157, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2898, 0.3039, 0.2785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 157, 196) }
```

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

```
.background{ background-color: rgb(184,  
157, 196) }
```

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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