

Converting Colors

$Yxy(37.8828, 0.3087, 0.2942)$

Have a look what the booklet for
Yxy(37.8828, 0.3087, 0.2942)
contains.

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Color

Yxy(37.8828, 0.3087, 0.2942)

Conversions

Conversions Part 1

Format	Color
Hex	B39FB9
RGB	179, 159, 185
RGB Percent	70%, 62%, 73%
CMY	0.2980, 0.3765, 0.2744
CMYK	0.03, 0.14, 0.00, 0.27
HSL	286°, 16%, 67%
HSV	286°, 14%, 73%
XYZ	39.7499, 37.8828, 51.1328
YIQ	167.9440, 3.5740, 12.3260

Conversions

Conversions Part 2

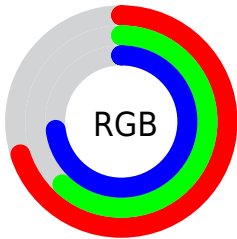
Format	Color
RYB	179, 159, 185
Decimal	11771833
CIELab	67.93, 12.13, -10.74
CIELCh	68, 16.201, 318.463
Yxy	37.8828, 0.3087, 0.2942
Android (android.graphics.Color)	4289961913 (0xFFB39FB9)
YUV	167.9440, 8.4086, 9.6961
Hunter-Lab	61.5490, 7.5690, -6.1718

Details

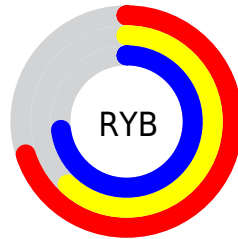
The Yxy color **37.8828, 0.3087, 0.2942** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.2152, 0.3161, 0.3652**, and the grayscale version is **39.0877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1062, 0.3097, 0.3010**, and **16.8267, 0.3069, 0.2848** is the 20% darker color. If you saturate the color by 10%, you get **31.4881, 0.3051, 0.2682**, and if you desaturate by 10%, it is **45.2491, 0.3117, 0.3192**.

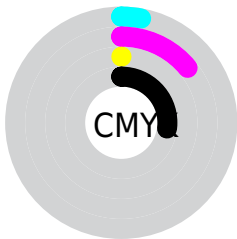
Distribution



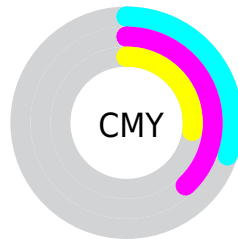
- Red (70%)
- Green (62%)
- Blue (73%)



- Red (70%)
- Yellow (62%)
- Blue (73%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (27%)





- Cyan (30%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8828, 0.3087, 0.2942 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 37.8828, 0.3087, 0.2942 by changing the saturation by 10% instead.

 37.8828, 0.3087,
0.2942


 37.8828, 0.3087,
0.2942


337.1169, 0.3109,
0.3118

 25.8917, 0.3081,
0.2898


 71.9285, 0.3096,
0.3006

 16.7427, 0.3072,
0.2840


 94.7519, 0.3099,
0.3030

 10.0512, 0.3060,
0.2764


121.9548, 0.3101,
0.3051

 5.4329, 0.3040,
0.2655

153.9217, 0.3104,
0.3068

 2.5034, 0.3008,
0.2492

191.0370, 0.3105,
0.3083

 0.8784, 0.2944,
0.2219

233.6851, 0.3107,

 0.0000, 0.1355,

0.3096


0.0000


282.2502, 0.3108,
0.3108


 0.0000, 0.0000,
0.0000


 37.8828, 0.3087,
0.2942


 37.8828, 0.3087,
0.2942


 31.4881, 0.3051,
0.2682


 45.2491, 0.3117,
0.3192

 26.0178, 0.3009,
0.2417


 53.6219, 0.3141,
0.3428


 21.4281, 0.2961,
0.2157

 63.0403, 0.3160,
0.3646

 17.6695, 0.2908,
0.1911

 73.5397, 0.3175,
0.3847

 14.6878, 0.2850,
0.1690

 85.1539, 0.3187,
0.4030

■ 12.4220, 0.2789,
0.1505

■ 87.9578, 0.3211,
0.4057

■ 10.8020, 0.2727,
0.1362

■ 88.5733, 0.3238,
0.4051

■ 9.7433, 0.2666,
0.1266

■ 89.2056, 0.3266,
0.4044

■ 9.2771, 0.2630,
0.1222

■ 89.8548, 0.3293,
0.4038

Harmonies

Analogous

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



37.8828, 0.2861, 0.2886



37.8828, 0.3087, 0.2942



37.8828, 0.3332, 0.3082

Triad

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



37.8828, 0.3087, 0.2942



37.8828, 0.3557, 0.3643



37.8828, 0.2742, 0.3286

Complementary

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



37.8828, 0.3087, 0.2942



45.2152, 0.3161, 0.3652

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.



37.8828, 0.2917, 0.3511



37.8828, 0.3087, 0.2942



37.8828, 0.3388, 0.3720

Square

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



37.8828, 0.3087, 0.2942



37.8828, 0.3609, 0.3478



37.8828, 0.3152, 0.3674



37.8828, 0.2668, 0.3073

Rectangle

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



37.8828, 0.3087, 0.2942



37.8828, 0.3471, 0.3207



37.8828, 0.3152, 0.3674



37.8828, 0.2791, 0.3363

Sweetspot

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



37.8844, 0.3087, 0.2942



81.0173, 0.3117, 0.3192



37.8108, 0.2908, 0.3010



17.2391, 0.3115, 0.3174



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.8844, 0.3087, 0.2942



63.9669, 0.3076, 0.2859



38.3313, 0.3205, 0.3037



9.0553, 0.3102, 0.3062



6.3486, 0.2637, 0.1227



0.2497, 0.2793, 0.1312

Inverse Universe

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



37.8306, 0.3326, 0.3209



63.8695, 0.3380, 0.3190



44.8326, 0.3057, 0.3557



9.0453, 0.3252, 0.3237



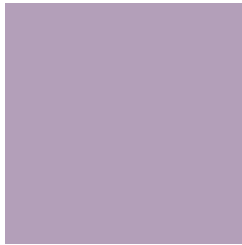
7.1503, 0.5957, 0.3055



0.2618, 0.5225, 0.2652

Previews

White Background



This preview shows how the Yxy color 37.8828, 0.3087, 0.2942 looks on a white background.

Color Contrast Check

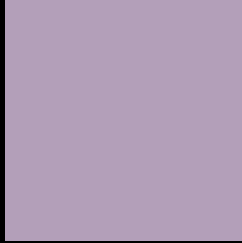
Large Text (above 18pt) WCAG AA × Fail

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 37.8828, 0.3087, 0.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

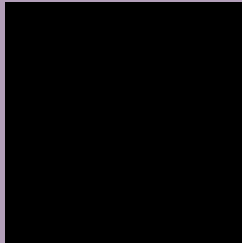
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8828, 0.3087, 0.2942

Background



This preview shows how black text looks on a background with the Yxy color 37.8828, 0.3087, 0.2942.



This preview shows how white text looks on a background with the Yxy color 37.8828, 0.3087, 0.2942.

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

37.8828, 0.3087, 0.2942

Protanopia

37.8631, 0.2910, 0.2957

Deuteranopia

37.8768, 0.3031, 0.2964



Tritanopia

37.8928, 0.3164, 0.3113

Trichromacy



Original Color

37.8828, 0.3087, 0.2942

Protanomaly

37.7533, 0.2970, 0.2947

Deuteranomaly

37.7584, 0.3050, 0.2952

Tritanomaly

37.8209, 0.3139, 0.3046

Monochromacy



Original Color

37.8828, 0.3087, 0.2942

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.7369, 0.3114, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8828, 0.3087, 0.2942 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, 159, 185)` looks like.

```
.text, #text, p{  
    color:rgb(179, 159, 185)  
}
```

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, 159, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 159, 185) }
```

Border

The CSS property to change the border of an element to Yxy 37.8828, 0.3087, 0.2942 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, 159, 185) }
```

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

```
.border{ border-color:rgb(179, 159, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 159, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 159, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 159, 185);  
box-shadow:4px 4px 4px 4px rgb(179, 159,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8828, 0.3087, 0.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 159, 185) }
```

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

```
.background{ background-color: rgb(179,  
159, 185) }
```

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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