

Converting Colors

Yxy(39.2248, 0.2880, 0.2695)

Have a look what the booklet for
Yxy(39.2248, 0.2880, 0.2695)
contains.

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Color

Yxy(39.2248, 0.2880, 0.2695)

Conversions

Conversions Part 1

Format	Color
Hex	B0A1CF
RGB	176, 161, 207
RGB Percent	69%, 63%, 81%
CMY	0.3097, 0.3687, 0.1882
CMYK	0.15, 0.22, 0.00, 0.19
HSL	260°, 32%, 72%
HSV	260°, 22%, 81%
XYZ	41.9174, 39.2248, 64.4044
YIQ	170.7290, -5.8260, 17.4860

Conversions

Conversions Part 2

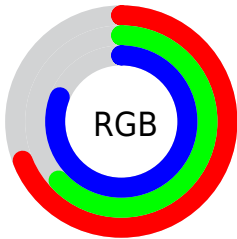
Format	Color
R_{YB}	176, 161, 207
Decimal	11575759
CIE _{Lab}	68.91, 14.58, -21.48
CIE _{LCh}	69, 25.964, 304.165
Yxy	39.2248, 0.2880, 0.2695
Android (android.graphics.Color)	4289765839 (0xFFB0A1CF)
YUV	170.7290, 17.8816, 4.6227
Hunter-Lab	62.6297, 9.8662, -17.1292

Details

The Yxy color **39.2248, 0.2880, 0.2695** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.4121, 0.3338, 0.3863**, and the grayscale version is **40.4950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4875, 0.2986, 0.2891**, and **17.4481, 0.2797, 0.2517** is the 20% darker color. If you saturate the color by 10%, you get **31.0377, 0.2743, 0.2391**, and if you desaturate by 10%, it is **48.7799, 0.3001, 0.2978**.

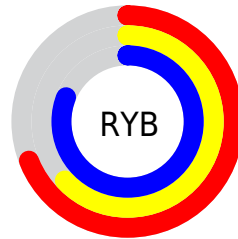
Distribution



Red (69%)

Green (63%)

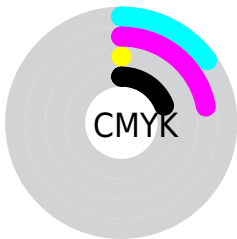
Blue (81%)



Red (69%)

Yellow (63%)

Blue (81%)

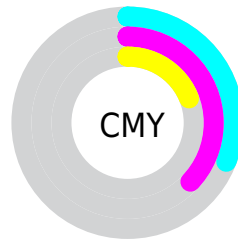


Cyan (15%)

Magenta (22%)

Yellow (0%)

Black (19%)



Cyan (31%)


Magenta (37%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2248, 0.2880, 0.2695 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 39.2248, 0.2880, 0.2695 by changing the saturation by 10% instead.


 39.2248, 0.2880,
0.2695


 39.2248, 0.2880,
0.2695


342.8453, 0.3009,
0.2989

 26.9347, 0.2846,
0.2623


 73.9816, 0.2928,
0.2801

 17.5242, 0.2802,
0.2531


 97.2171, 0.2946,
0.2841

 10.6089, 0.2741,
0.2411


124.8697, 0.2961,
0.2875

 5.8045, 0.2655,
0.2246

157.3240, 0.2973,
0.2904

 2.7266, 0.2522,
0.2010

194.9643, 0.2984,
0.2930

 0.9907, 0.2295,
0.1648

238.1751, 0.2994,

 0.0000, 0.1445,

0.2952

0.0000

287.3406, 0.3002,
0.2972

0.0000, 0.0000,
0.0000

39.2248, 0.2880,
0.2695

39.2248, 0.2880,
0.2695

31.0377, 0.2743,
0.2391

48.7799, 0.3001,
0.2978

24.1497, 0.2591,
0.2074

59.7577, 0.3106,
0.3236

18.4934, 0.2428,
0.1756

72.2160, 0.3196,
0.3468

13.9931, 0.2260,
0.1452

86.2077, 0.3272,
0.3675

10.5642, 0.2096,
0.1182

95.5696, 0.3350,
0.3770

■ 8.1105, 0.1944,
0.0963

■ 97.2859, 0.3412,
0.3760

■ 6.5173, 0.1813,
0.0808

■ 5.7209, 0.1729,
0.0726

Harmonies

Analogous

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



39.2248, 0.2581, 0.2674



39.2248, 0.2880, 0.2695



39.2248, 0.3264, 0.2853

Triad

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



39.2248, 0.2880, 0.2695



39.2248, 0.3875, 0.3721



39.2248, 0.2635, 0.3455

Complementary

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



39.2248, 0.2880, 0.2695



58.4121, 0.3338, 0.3863

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.



39.2248, 0.2959, 0.3795



39.2248, 0.2880, 0.2695



39.2248, 0.3680, 0.3932

Square

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



39.2248, 0.2880, 0.2695



39.2248, 0.3859, 0.3422



39.2248, 0.3342, 0.3972



39.2248, 0.2446, 0.3086

Rectangle

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



39.2248, 0.2880, 0.2695



39.2248, 0.3518, 0.3017



39.2248, 0.3342, 0.3972



39.2248, 0.2731, 0.3579

Sweetspot

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



39.2264, 0.2880, 0.2695



86.9264, 0.3057, 0.3114



49.9767, 0.2786, 0.3100



18.3763, 0.3050, 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.



39.2264, 0.2880, 0.2695



55.9034, 0.2812, 0.2543



42.0782, 0.3077, 0.2729



11.6025, 0.3032, 0.3053



3.6496, 0.1742, 0.0733



0.2468, 0.1949, 0.0848

Inverse Universe

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



42.5607, 0.3285, 0.2913



62.2965, 0.3330, 0.2823



55.6902, 0.3162, 0.3895



11.9406, 0.3187, 0.3135



9.5576, 0.4239, 0.2109



0.5487, 0.4004, 0.1979

Previews

White Background



This preview shows how the Yxy color 39.2248, 0.2880, 0.2695 looks on a white background.

Color Contrast Check

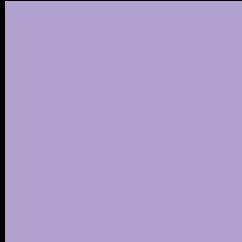
Large Text (above 18pt) WCAG AA × Fail

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 39.2248, 0.2880, 0.2695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

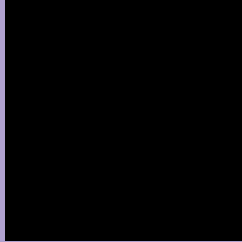
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2248, 0.2880, 0.2695

Background



This preview shows how black text looks on a background with the Yxy color 39.2248, 0.2880, 0.2695.



This preview shows how white text looks on a background with the Yxy color 39.2248, 0.2880, 0.2695.

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

39.2248, 0.2880, 0.2695

Protanopia

39.1437, 0.2700, 0.2689

Deuteranopia

39.3658, 0.2798, 0.2746



Tritanopia

39.1850, 0.3063, 0.3112

Trichromacy



Original Color

39.2248, 0.2880, 0.2695

Protanomaly

39.0966, 0.2760, 0.2683

Deuteranomaly

39.4422, 0.2830, 0.2738

Tritanomaly

39.1093, 0.2998, 0.2954

Monochromacy



Original Color

39.2248, 0.2880, 0.2695

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.9824, 0.3039, 0.3060

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2248, 0.2880, 0.2695 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(176, 161, 207)` looks like.

```
.text, #text, p{  
    color:rgb(176, 161, 207)  
}
```

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(176, 161, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 161, 207) }
```

Border

The CSS property to change the border of an element to Yxy 39.2248, 0.2880, 0.2695 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(176, 161, 207) }
```

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

```
.border{ border-color:rgb(176, 161, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 161, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 161, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 161, 207); box-shadow:4px 4px 4px 4px rgb(176, 161, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2248, 0.2880, 0.2695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 161, 207) }
```

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

```
.background{ background-color: rgb(176,  
161, 207) }
```

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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