

Converting Colors

$Y_{xy}(39.3331, 0.3241, 0.2725)$

Have a look what the booklet for
Yxy(39.3331, 0.3241, 0.2725)
contains.

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Color

Yxy(39.4298, 0.3249, 0.2733)

Conversions

Conversions Part 1

Format	Color
Hex	CF97C5
RGB	207, 151, 197
RGB Percent	81%, 59%, 77%
CMY	0.1883, 0.4078, 0.2274
CMYK	0.00, 0.27, 0.05, 0.19
HSL	311°, 37%, 70%
HSV	311°, 27%, 81%
XYZ	46.8743, 39.4298, 57.9689
YIQ	172.9880, 18.6100, 26.1780

Conversions

Conversions Part 2

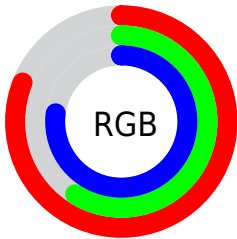
Format	Color
R_{YB}	207, 151, 197
Decimal	13604805
CIE _{Lab}	69.06, 28.39, -15.44
CIE _{LCh}	69, 32.317, 331.462
Yxy	39.4298, 0.3249, 0.2733
Android (android.graphics.Color)	4291794885 (0xFFCF97C5)
YUV	172.9880, 11.8379, 29.8285
Hunter-Lab	62.7932, 23.3599, -10.7797

Details

The Yxy color **39.4298, 0.3249, 0.2733** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.7715, 0.3026, 0.3920**, and the grayscale version is **41.7150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5584, 0.3156, 0.2821**, and **17.5823, 0.3282, 0.2580** is the 20% darker color. If you saturate the color by 10%, you get **33.1763, 0.3305, 0.2526**, and if you desaturate by 10%, it is **46.8606, 0.3199, 0.2943**.

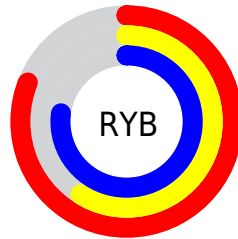
Distribution



Red (81%)

Green (59%)

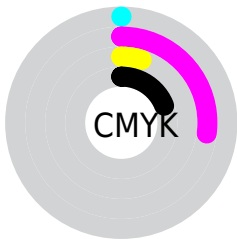
Blue (77%)



Red (81%)

Yellow (59%)

Blue (77%)

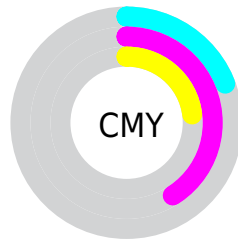


Cyan (0%)

Magenta (27%)

Yellow (5%)

Black (19%)



Cyan (19%)


Magenta (41%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4298, 0.3249, 0.2733 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 39.4298, 0.3249, 0.2733 by changing the saturation by 10% instead.


 39.4298, 0.3249,
0.2733


 39.4298, 0.3249,
0.2733

343.7144, 0.3192,
0.3006

 27.0942, 0.3262,
0.2667


 74.2944, 0.3229,
0.2831

 17.6440, 0.3278,
0.2582


 97.5923, 0.3222,
0.2868

 10.6947, 0.3298,
0.2472


125.3131, 0.3215,
0.2900

 5.8619, 0.3323,
0.2322

157.8412, 0.3209,
0.2927

 2.7613, 0.3356,
0.2106

195.5610, 0.3204,
0.2951

 1.0084, 0.3396,
0.1774

238.8568, 0.3200,


 0.0000, 0.3808,


0.2971


0.0000

288.1132, 0.3196,
0.2990


 0.0000, 0.0000,
0.0000


 39.4298, 0.3249,
0.2733


 39.4298, 0.3249,
0.2733


 33.1763, 0.3305,
0.2526


 46.8606, 0.3199,
0.2943


 28.0336, 0.3367,
0.2330


 55.5200, 0.3155,
0.3149

 23.9367, 0.3433,
0.2154

 65.4630, 0.3116,
0.3348


 20.8117, 0.3502,
0.2009

 76.7393, 0.3084,
0.3535


 18.5751, 0.3572,
0.1903


 89.3963, 0.3056,
0.3709

 17.1292, 0.3639,
0.1842

 89.9052, 0.3035,
0.3673

 16.3436, 0.3704,
0.1825

 90.1019, 0.3015,
0.3633

 16.1693, 0.3723,
0.1824

 90.3028, 0.2995,
0.3592

 90.5082, 0.2975,
0.3552

Harmonies

Analogous

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



39.4298, 0.2780, 0.2555



39.4298, 0.3249, 0.2733



39.4298, 0.3716, 0.3035

Triad

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



39.4298, 0.3249, 0.2733



39.4298, 0.3837, 0.4065



39.4298, 0.2305, 0.3066

Complementary

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



39.4298, 0.3249, 0.2733



53.7715, 0.3026, 0.3920

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.



39.4298, 0.2548, 0.3536



39.4298, 0.3249, 0.2733



39.4298, 0.3427, 0.4152

Square

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



39.4298, 0.3249, 0.2733



39.4298, 0.4064, 0.3778



39.4298, 0.2954, 0.3958



39.4298, 0.2266, 0.2712

Rectangle

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



39.4298, 0.3249, 0.2733



39.4298, 0.3948, 0.3278



39.4298, 0.2954, 0.3958



39.4298, 0.2365, 0.3216

Sweetspot

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



39.4316, 0.3249, 0.2733



87.4359, 0.3159, 0.3128



34.1495, 0.2739, 0.2535



18.2415, 0.3165, 0.3097



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.



39.4316, 0.3249, 0.2733



57.6193, 0.3278, 0.2622



38.2896, 0.3515, 0.3057



11.9714, 0.3165, 0.3101



10.2017, 0.3714, 0.1820



0.5801, 0.3606, 0.1760

Inverse Universe

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



39.4316, 0.3249, 0.2733



57.6193, 0.3278, 0.2622



54.8438, 0.2850, 0.3537



11.9714, 0.3165, 0.3101



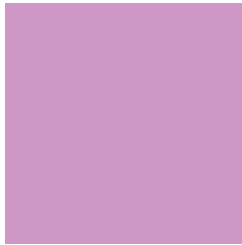
10.2017, 0.3714, 0.1820



0.5801, 0.3606, 0.1760

Previews

White Background



This preview shows how the Yxy color 39.4298, 0.3249, 0.2733 looks on a white background.

Color Contrast Check

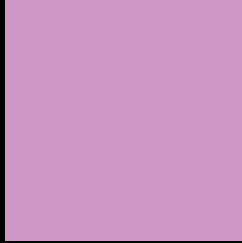
Large Text (above 18pt) WCAG AA × Fail

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 39.4298, 0.3249, 0.2733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

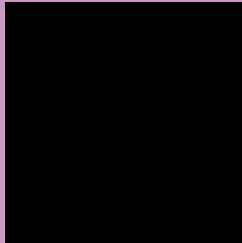
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4298, 0.3249, 0.2733

Background



This preview shows how black text looks on a background with the Yxy color 39.4298, 0.3249, 0.2733.



This preview shows how white text looks on a background with the Yxy color 39.4298, 0.3249, 0.2733.

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

39.4298, 0.3249, 0.2733

Protanopia

39.5624, 0.2738, 0.2742

Deuteranopia

39.6895, 0.2958, 0.2904



Tritanopia

39.3006, 0.3481, 0.3139

Trichromacy



Original Color

39.4298, 0.3249, 0.2733

Protanomaly

39.0795, 0.2903, 0.2731

Deuteranomaly

39.3960, 0.3056, 0.2838

Tritanomaly

39.2032, 0.3387, 0.2978

Monochromacy



Original Color

39.4298, 0.3249, 0.2733

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.6020, 0.3165, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4298, 0.3249, 0.2733 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(207, 151, 197)` looks like.

```
.text, #text, p{  
    color:rgb(207, 151, 197)  
}
```

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(207, 151, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 151, 197) }
```

Border

The CSS property to change the border of an element to Yxy 39.4298, 0.3249, 0.2733 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(207, 151, 197) }
```

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

```
.border{ border-color:rgb(207, 151, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 151, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 151, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 151, 197);  
box-shadow:4px 4px 4px 4px rgb(207, 151,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4298, 0.3249, 0.2733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 151, 197) }
```

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

```
.background{ background-color: rgb(207,  
151, 197) }
```

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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