

Converting Colors

$Yxy(39.4498, 0.2997, 0.2605)$

Have a look what the booklet for
Yxy(39.4498, 0.2997, 0.2605)
contains.

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Color

Yxy(39.4833, 0.2995, 0.2601)

Conversions

Conversions Part 1

Format	Color
Hex	C19BD3
RGB	193, 155, 211
RGB Percent	76%, 61%, 83%
CMY	0.2433, 0.3921, 0.1725
CMYK	0.09, 0.27, 0.00, 0.17
HSL	281°, 39%, 72%
HSV	281°, 27%, 83%
XYZ	45.4642, 39.4833, 66.8529
YIQ	172.7460, 4.6720, 25.4720

Conversions

Conversions Part 2

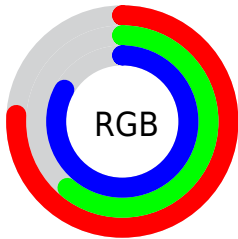
Format	Color
R_{YB}	193, 155, 211
Decimal	12688339
CIE _{Lab}	69.10, 24.22, -23.26
CIE _{LCh}	69, 33.585, 316.158
Yxy	39.4833, 0.2995, 0.2601
Android (android.graphics.Color)	4290878419 (0xFFC19BD3)
YUV	172.7460, 18.8592, 17.7628
Hunter-Lab	62.8357, 19.1895, -19.0955

Details

The Yxy color **39.4833, 0.2995, 0.2601** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.8471, 0.3225, 0.4016**, and the grayscale version is **41.5532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6372, 0.3112, 0.2846**, and **17.5898, 0.2953, 0.2416** is the 20% darker color. If you saturate the color by 10%, you get **32.1908, 0.2930, 0.2325**, and if you desaturate by 10%, it is **48.0474, 0.3052, 0.2872**.

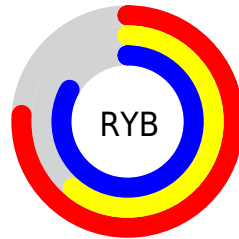
Distribution



Red (76%)

Green (61%)

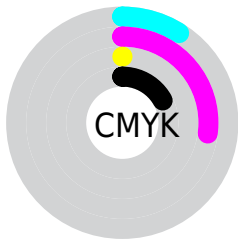
Blue (83%)



Red (76%)

Yellow (61%)

Blue (83%)

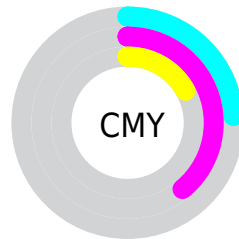


Cyan (9%)

Magenta (27%)

Yellow (0%)

Black (17%)



Cyan (24%)


Magenta (39%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4833, 0.2995, 0.2601 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 39.4833, 0.2995, 0.2601 by changing the saturation by 10% instead.

 39.4833, 0.2995,
0.2601


 39.4833, 0.2995,
0.2601


343.9409, 0.3069,
0.2937

 27.1359, 0.2975,
0.2520


 74.3761, 0.3023,
0.2721

 17.6753, 0.2947,
0.2419


 97.6902, 0.3033,
0.2766

 10.7171, 0.2909,
0.2287


125.4288, 0.3042,
0.2805

 5.8770, 0.2852,
0.2110

157.9761, 0.3049,
0.2839

 2.7704, 0.2762,
0.1861

195.7165, 0.3055,
0.2868

 1.0131, 0.2601,
0.1492

239.0346, 0.3060,


 0.0000, 0.2335,


0.2894


0.0000


288.3146, 0.3065,
0.2916


 0.0000, 0.0000,
0.0000

 39.4833, 0.2995,
0.2601


 39.4833, 0.2995,
0.2601


 32.1908, 0.2930,
0.2325


 48.0474, 0.3052,
0.2872


 26.1005, 0.2856,
0.2052


 57.9377, 0.3100,
0.3130


 21.1439, 0.2775,
0.1794

 69.2119, 0.3140,
0.3372

 17.2433, 0.2689,
0.1563

 81.9227, 0.3173,
0.3595

 14.3113, 0.2601,
0.1370

 92.5471, 0.3205,
0.3746

■ 12.2456, 0.2515,
0.1224

■ 93.6743, 0.3249,
0.3740

■ 10.9157, 0.2431,
0.1125

■ 94.8456, 0.3293,
0.3734

■ 10.5441, 0.2403,
0.1097

■ 96.0616, 0.3337,
0.3728

■ 97.3226, 0.3382,
0.3721

Harmonies

Analogous

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



39.4833, 0.2562, 0.2499



39.4833, 0.2995, 0.2601



39.4833, 0.3501, 0.2853

Triad

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



39.4833, 0.2995, 0.2601



39.4833, 0.4015, 0.3958



39.4833, 0.2379, 0.3299

Complementary

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



39.4833, 0.2995, 0.2601



57.8471, 0.3225, 0.4016

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.



39.4833, 0.2725, 0.3790



39.4833, 0.2995, 0.2601



39.4833, 0.3670, 0.4173

Square

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



39.4833, 0.2995, 0.2601



39.4833, 0.4116, 0.3601



39.4833, 0.3196, 0.4127



39.4833, 0.2229, 0.2855

Rectangle

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



39.4833, 0.2995, 0.2601



39.4833, 0.3804, 0.3082



39.4833, 0.3196, 0.4127



39.4833, 0.2474, 0.3466

Sweetspot

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



39.4850, 0.2995, 0.2601



86.4424, 0.3093, 0.3091



41.8223, 0.2695, 0.2793



17.9898, 0.3086, 0.3052



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.



39.4850, 0.2995, 0.2601



53.8707, 0.2958, 0.2441



41.5469, 0.3241, 0.2736



11.8102, 0.3087, 0.3057



6.4206, 0.2415, 0.1104



0.4007, 0.2564, 0.1186

Inverse Universe

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



40.3176, 0.3512, 0.3069



55.4566, 0.3627, 0.3018



56.2525, 0.3032, 0.3916



11.8701, 0.3241, 0.3215



8.6263, 0.5665, 0.2894



0.4968, 0.5140, 0.2605

Previews

White Background



This preview shows how the Yxy color 39.4833, 0.2995, 0.2601 looks on a white background.

Color Contrast Check

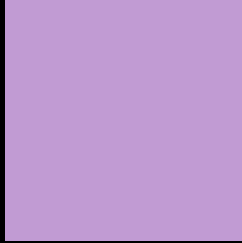
Large Text (above 18pt) WCAG AA × Fail

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 39.4833, 0.2995, 0.2601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

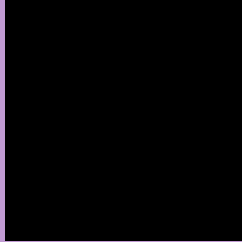
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4833, 0.2995, 0.2601

Background



This preview shows how black text looks on a background with the Yxy color 39.4833, 0.2995, 0.2601.



This preview shows how white text looks on a background with the Yxy color 39.4833, 0.2995, 0.2601.

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

39.4833, 0.2995, 0.2601

Protanopia

39.7733, 0.2626, 0.2595

Deuteranopia

39.5130, 0.2776, 0.2710



Tritanopia

39.5006, 0.3249, 0.3119

Trichromacy



Original Color

39.4833, 0.2995, 0.2601

Protanomaly

39.6392, 0.2749, 0.2596

Deuteranomaly

39.2568, 0.2848, 0.2659

Tritanomaly

39.2459, 0.3154, 0.2915

Monochromacy



Original Color

39.4833, 0.2995, 0.2601

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.5636, 0.3077, 0.3012

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4833, 0.2995, 0.2601 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(193, 155, 211)` looks like.

```
.text, #text, p{  
    color:rgb(193, 155, 211)  
}
```

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(193, 155, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 155, 211) }
```

Border

The CSS property to change the border of an element to Yxy 39.4833, 0.2995, 0.2601 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(193, 155, 211) }
```

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

```
.border{ border-color:rgb(193, 155, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 155, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 155, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 155, 211);  
box-shadow:4px 4px 4px 4px rgb(193, 155,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4833, 0.2995, 0.2601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 155, 211) }
```

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

```
.background{ background-color: rgb(193,  
155, 211) }
```

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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