

Converting Colors

Yxy(43.1348, 0.2890, 0.2534)

Have a look what the booklet for
Yxy(43.1348, 0.2890, 0.2534)
contains.

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Color

Yxy(43.2875, 0.2896, 0.2541)

Conversions

Conversions Part 1

Format	Color
Hex	C3A3E2
RGB	195, 163, 226
RGB Percent	76%, 64%, 89%
CMY	0.2353, 0.3608, 0.1136
CMYK	0.14, 0.28, 0.00, 0.11
HSL	270°, 52%, 76%
HSV	270°, 28%, 89%
XYZ	49.3351, 43.2875, 77.7335
YIQ	179.7500, -1.1510, 26.3770

Conversions

Conversions Part 2

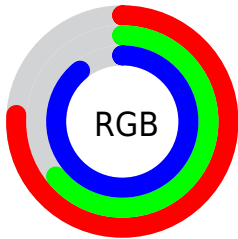
Format	Color
R_{YB}	195, 163, 226
Decimal	12821474
CIE _{Lab}	71.75, 23.60, -27.46
CIE _{LCh}	72, 36.205, 310.678
Yxy	43.2875, 0.2896, 0.2541
Android (android.graphics.Color)	4291011554 (0xFFC3A3E2)
YUV	179.7500, 22.8012, 13.3742
Hunter-Lab	65.7932, 18.7103, -23.9948

Details

The Yxy color **43.2875, 0.2896, 0.2541** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **68.5311, 0.3308, 0.4043**, and the grayscale version is **45.3786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0583, 0.3123, 0.2928**, and **19.9339, 0.2832, 0.2360** is the 20% darker color. If you saturate the color by 10%, you get **34.5398, 0.2789, 0.2245**, and if you desaturate by 10%, it is **53.5838, 0.2990, 0.2826**.

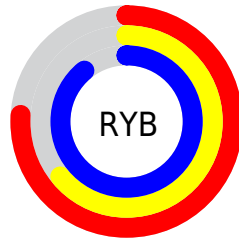
Distribution



Red (76%)

Green (64%)

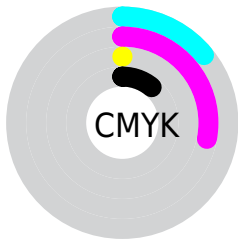
Blue (89%)



Red (76%)

Yellow (64%)

Blue (89%)

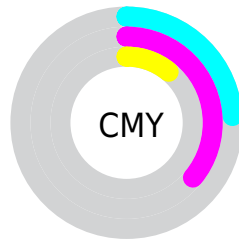


Cyan (14%)

Magenta (28%)

Yellow (0%)

Black (11%)



Cyan (24%)


Magenta (36%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2875, 0.2896, 0.2541 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 43.2875, 0.2896, 0.2541 by changing the saturation by 10% instead.


 43.2875, 0.2896,
0.2541


 43.2875, 0.2896,
0.2541


359.7928, 0.3018,
0.2899

 30.1108, 0.2864,
0.2457


 80.1445, 0.2941,
0.2667

 19.9227, 0.2823,
0.2352


 104.5936, 0.2958,
0.2716

 12.3388, 0.2767,
0.2218


133.5689, 0.2972,
0.2757

 6.9749, 0.2687,
0.2042

167.4549, 0.2984,
0.2793

 3.4464, 0.2568,
0.1800

206.6358, 0.2994,
0.2825

 1.3690, 0.2372,
0.1454

251.4962, 0.3003,

 0.1937, 0.2101,


0.2852


0.0535


302.4204, 0.3011,
0.2877


 0.0000, 0.0000,
0.0000

 43.2875, 0.2896,
0.2541


 43.2875, 0.2896,
0.2541


 34.5398, 0.2789,
0.2245

 53.5838, 0.2990,
0.2826

 27.2564, 0.2671,
0.1948


 65.4963, 0.3072,
0.3094

 21.3531, 0.2544,
0.1663

 79.0951, 0.3141,
0.3340

 16.7348, 0.2413,
0.1404

 94.4446, 0.3199,
0.3565

 13.2934, 0.2283,
0.1186

 97.4556, 0.3269,
0.3574

■ 10.9023, 0.2159,
0.1020

■ 98.2731, 0.3297,
0.3571

■ 9.3867, 0.2048,
0.0910

■ 9.1223, 0.2026,
0.0890

Harmonies

Analogous

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



43.2875, 0.2472, 0.2467



43.2875, 0.2896, 0.2541



43.2875, 0.3422, 0.2777

Triad

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



43.2875, 0.2896, 0.2541



43.2875, 0.4095, 0.3923



43.2875, 0.2398, 0.3393

Complementary

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



43.2875, 0.2896, 0.2541



68.5311, 0.3308, 0.4043

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.



43.2875, 0.2789, 0.3898



43.2875, 0.2896, 0.2541



43.2875, 0.3772, 0.4188

Square

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



43.2875, 0.2896, 0.2541



43.2875, 0.4148, 0.3537



43.2875, 0.3291, 0.4201



43.2875, 0.2204, 0.2907

Rectangle

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



43.2875, 0.2896, 0.2541



43.2875, 0.3755, 0.3003



43.2875, 0.3291, 0.4201



43.2875, 0.2509, 0.3570

Sweetspot

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



43.2893, 0.2896, 0.2541



85.8128, 0.3070, 0.3089



52.0938, 0.2683, 0.2897



17.8310, 0.3059, 0.3050



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.



43.2893, 0.2896, 0.2541



50.5217, 0.2841, 0.2384



47.8614, 0.3160, 0.2598



13.5836, 0.3060, 0.3053



5.2732, 0.2042, 0.0898



0.4188, 0.2208, 0.0990

Inverse Universe

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



46.2647, 0.3440, 0.2935



55.0965, 0.3520, 0.2865



64.8441, 0.3089, 0.4095



13.8125, 0.3215, 0.3175



9.9061, 0.4985, 0.2520



0.7047, 0.4638, 0.2329

Previews

White Background



This preview shows how the Yxy color 43.2875, 0.2896, 0.2541 looks on a white background.

Color Contrast Check

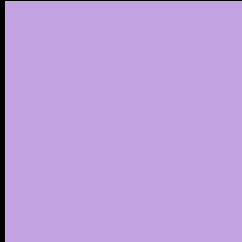
Large Text (above 18pt) WCAG AA × Fail

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 43.2875, 0.2896, 0.2541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

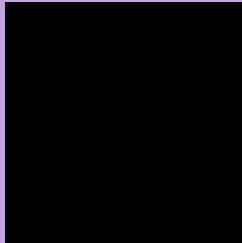
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2875, 0.2896, 0.2541

Background



This preview shows how black text looks on a background with the Yxy color 43.2875, 0.2896, 0.2541.



This preview shows how white text looks on a background with the Yxy color 43.2875, 0.2896, 0.2541.

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

43.2875, 0.2896, 0.2541

Protanopia

43.5835, 0.2578, 0.2537

Deuteranopia

43.5938, 0.2704, 0.2646



Tritanopia

43.2779, 0.3171, 0.3122

Trichromacy



Original Color

43.2875, 0.2896, 0.2541

Protanomaly

43.2896, 0.2685, 0.2537

Deuteranomaly

43.2772, 0.2770, 0.2598

Tritanomaly

43.2052, 0.3074, 0.2900

Monochromacy



Original Color

43.2875, 0.2896, 0.2541

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.6176, 0.3037, 0.2997

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2875, 0.2896, 0.2541 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(195, 163, 226)` looks like.

```
.text, #text, p{  
    color:rgb(195, 163, 226)  
}
```

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(195, 163, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 163, 226) }
```

Border

The CSS property to change the border of an element to Yxy 43.2875, 0.2896, 0.2541 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(195, 163, 226) }
```

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

```
.border{ border-color:rgb(195, 163, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 163, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 163, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 163, 226);  
box-shadow:4px 4px 4px 4px rgb(195, 163,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2875, 0.2896, 0.2541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 163, 226) }
```

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

```
.background{ background-color: rgb(195,  
163, 226) }
```

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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