

Converting Colors

$Y_{xy}(43.2429, 0.2876, 0.2403)$

Have a look what the booklet for
Yxy(43.2429, 0.2876, 0.2403)
contains.

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Color

Yxy(43.4090, 0.2878, 0.2408)

Conversions

Conversions Part 1

Format	Color
Hex	CA9FEC
RGB	202, 159, 236
RGB Percent	79%, 62%, 93%
CMY	0.2080, 0.3764, 0.0746
CMYK	0.14, 0.33, 0.00, 0.07
HSL	273°, 67%, 77%
HSV	273°, 33%, 93%
XYZ	51.8817, 43.4090, 84.9792
YIQ	180.6350, 0.9110, 33.0630

Conversions

Conversions Part 2

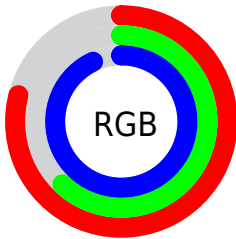
Format	Color
R _Y B	202, 159, 236
Decimal	13279212
CIE Lab	71.83, 30.04, -32.71
CIE LCh	72, 44.410, 312.571
Yxy	43.4090, 0.2878, 0.2408
Android (android.graphics.Color)	4291469292 (0xFFCA9FEC)
YUV	180.6350, 27.2949, 18.7371
Hunter-Lab	65.8855, 25.2606, -30.3525

Details

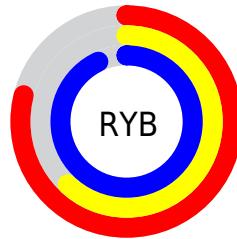
The Yxy color $43.4090, 0.2878, 0.2408$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $73.8235, 0.3309, 0.4193$, and the grayscale version is $45.8502, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.5731, 0.3146, 0.2891$, and $20.0137, 0.2798, 0.2194$ is the 20% darker color. If you saturate the color by 10%, you get $34.6469, 0.2777, 0.2116$, and if you desaturate by 10%, it is $53.8223, 0.2968, 0.2695$.

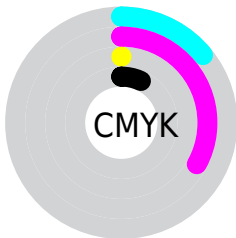
Distribution



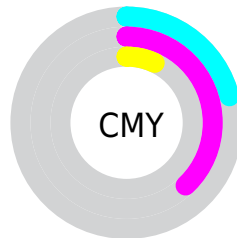
- Red (79%)
- Green (62%)
- Blue (93%)



- Red (79%)
- Yellow (62%)
- Blue (93%)



- Cyan (14%)
- Magenta (33%)
- Yellow (0%)
- Black (7%)





- Cyan (21%)
- Magenta (38%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4090, 0.2878, 0.2408 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 43.4090, 0.2878, 0.2408 by changing the saturation by 10% instead.


 43.4090, 0.2878,
0.2408


 43.4090, 0.2878,
0.2408


360.2911, 0.3011,
0.2823

 30.2062, 0.2843,
0.2313


 80.3277, 0.2928,
0.2553

 19.9951, 0.2798,
0.2195


 104.8123, 0.2946,
0.2609

 12.3915, 0.2736,
0.2046


133.8264, 0.2961,
0.2657

 7.0109, 0.2649,
0.1853

167.7542, 0.2974,
0.2699

 3.4689, 0.2520,
0.1596

206.9801, 0.2986,
0.2736

 1.3812, 0.2313,
0.1244

251.8887, 0.2995,


 0.2028, 0.2016,


0.2768


0.0440

302.8642, 0.3004,
0.2797


 0.0000, 0.0000,
0.0000

 43.4090, 0.2878,
0.2408


 43.4090, 0.2878,
0.2408


 34.6469, 0.2777,
0.2116


 53.8223, 0.2968,
0.2695

 27.4402, 0.2667,
0.1830


 65.9646, 0.3045,
0.2970


 21.6915, 0.2549,
0.1564

 79.9154, 0.3112,
0.3226

 17.2896, 0.2429,
0.1332

 95.7473, 0.3167,
0.3462

 14.1064, 0.2312,
0.1146

 98.6682, 0.3233,
0.3474

■ 11.9880, 0.2202,
0.1013

■ 98.8345, 0.3238,
0.3474

■ 10.9301, 0.2126,
0.0945

Harmonies

Analogous

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



43.4090, 0.2361, 0.2303



43.4090, 0.2878, 0.2408



43.4090, 0.3524, 0.2697

Triad

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



43.4090, 0.2878, 0.2408



43.4090, 0.4284, 0.4063



43.4090, 0.2221, 0.3366

Complementary

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



43.4090, 0.2878, 0.2408



73.8235, 0.3309, 0.4193

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.



43.4090, 0.2671, 0.4013



43.4090, 0.2878, 0.2408



43.4090, 0.3865, 0.4395

Square

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



43.4090, 0.2878, 0.2408



43.4090, 0.4385, 0.3598



43.4090, 0.3272, 0.4412



43.4090, 0.2014, 0.2779

Rectangle

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



43.4090, 0.2878, 0.2408



43.4090, 0.3931, 0.2966



43.4090, 0.3272, 0.4412



43.4090, 0.2347, 0.3589

Sweetspot

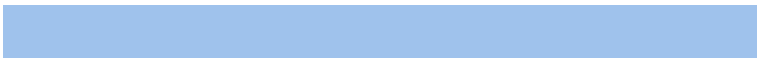
The Sweet Spot groups the original color and five complimentary colors.



43.4108, 0.2878, 0.2408



82.7195, 0.3063, 0.3038



51.8584, 0.2598, 0.2769



17.2237, 0.3053, 0.3001



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.



43.4108, 0.2878, 0.2408



44.6987, 0.2813, 0.2216



48.4682, 0.3197, 0.2517



14.9633, 0.3067, 0.3053



6.1045, 0.2142, 0.0954



0.5362, 0.2283, 0.1031

Inverse Universe

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



46.4875, 0.3548, 0.2913



49.0342, 0.3668, 0.2835



69.9888, 0.3060, 0.4209



15.1647, 0.3224, 0.3186



10.4098, 0.5200, 0.2638



0.8365, 0.4856, 0.2449

Previews

White Background



This preview shows how the Yxy color 43.4090, 0.2878, 0.2408 looks on a white background.

Color Contrast Check

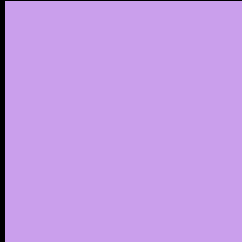
Large Text (above 18pt) WCAG AA × Fail

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 43.4090, 0.2878, 0.2408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

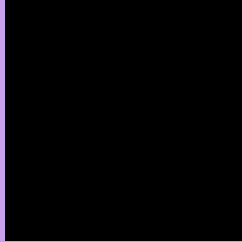
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4090, 0.2878, 0.2408

Background



This preview shows how black text looks on a background with the Yxy color 43.4090, 0.2878, 0.2408.

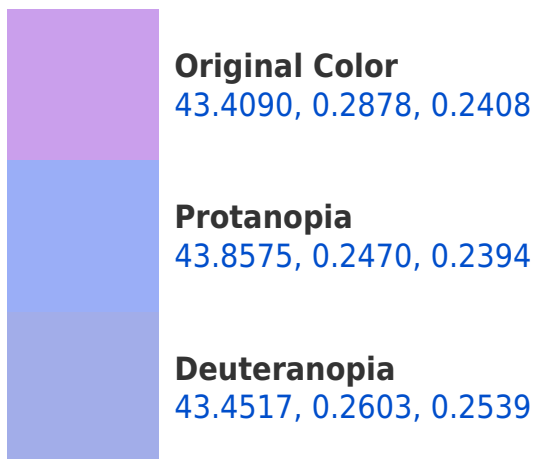


This preview shows how white text looks on a background with the Yxy color 43.4090, 0.2878, 0.2408.

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





Tritanopia

43.5058, 0.3225, 0.3124

Trichromacy



Original Color

43.4090, 0.2878, 0.2408



Protanomaly

43.5049, 0.2600, 0.2399



Deuteranomaly

43.2929, 0.2700, 0.2488



Tritanomaly

43.2725, 0.3094, 0.2845

Monochromacy



Original Color

43.4090, 0.2878, 0.2408



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.9230, 0.3040, 0.2939

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4090, 0.2878, 0.2408 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(202, 159, 236)` looks like.

```
.text, #text, p{  
    color:rgb(202, 159, 236)  
}
```

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(202, 159, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 159, 236) }
```

Border

The CSS property to change the border of an element to Yxy 43.4090, 0.2878, 0.2408 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(202, 159, 236) }
```

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

```
.border{ border-color:rgb(202, 159, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 159, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 159, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 159, 236);  
box-shadow:4px 4px 4px 4px rgb(202, 159,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4090, 0.2878, 0.2408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 159, 236) }
```

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

```
.background{ background-color: rgb(202,  
159, 236) }
```

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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