

Converting Colors

$Y_{xy}(43.3205, 0.2870, 0.2449)$

Have a look what the booklet for
Yxy(43.3205, 0.2870, 0.2449)
contains.

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Color

Yxy(43.3787, 0.2868, 0.2452)

Conversions

Conversions Part 1

Format	Color
Hex	C6A1E9
RGB	198, 161, 233
RGB Percent	78%, 63%, 91%
CMY	0.2236, 0.3686, 0.0862
CMYK	0.15, 0.31, 0.00, 0.09
HSL	271°, 62%, 77%
HSV	271°, 31%, 91%
XYZ	50.7382, 43.3787, 82.7946
YIQ	180.2710, -1.0600, 30.2360

Conversions

Conversions Part 2

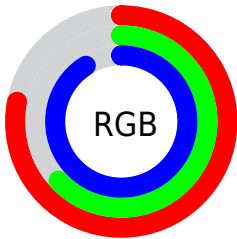
Format	Color
R _Y B	198, 161, 233
Decimal	13017577
CIE _{Lab}	71.81, 27.11, -31.15
CIE _{LCh}	72, 41.293, 311.031
Yxy	43.3787, 0.2868, 0.2452
Android (android.graphics.Color)	4291207657 (0xFFC6A1E9)
YUV	180.2710, 25.9954, 15.5483
Hunter-Lab	65.8625, 22.2509, -28.4286

Details

The Yxy color $43.3787, 0.2868, 0.2452$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72.5966, 0.3323, 0.4134$, and the grayscale version is $45.6534, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.5917, 0.3145, 0.2910$, and $19.9512, 0.2784, 0.2246$ is the 20% darker color. If you saturate the color by 10%, you get $34.4977, 0.2759, 0.2155$, and if you desaturate by 10%, it is $53.8960, 0.2965, 0.2741$.

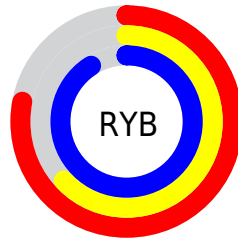
Distribution



Red (78%)

Green (63%)

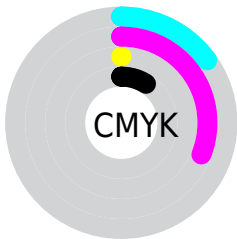
Blue (91%)



Red (78%)

Yellow (63%)

Blue (91%)

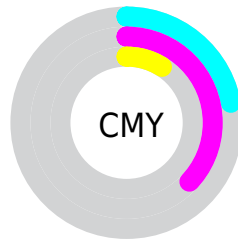


Cyan (15%)

Magenta (31%)

Yellow (0%)

Black (9%)



Cyan (22%)


Magenta (37%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3787, 0.2868, 0.2452 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 43.3787, 0.2868, 0.2452 by changing the saturation by 10% instead.

 43.3787, 0.2868,
0.2452


 43.3787, 0.2868,
0.2452


360.1669, 0.3005,
0.2849

 30.1824, 0.2832,
0.2360


 80.2820, 0.2919,
0.2591

 19.9770, 0.2786,
0.2246


 104.7578, 0.2938,
0.2644

 12.3784, 0.2723,
0.2102


133.7622, 0.2954,
0.2691

 7.0019, 0.2635,
0.1914

167.6795, 0.2967,
0.2731

 3.4633, 0.2504,
0.1661

206.8943, 0.2979,
0.2766

 1.3781, 0.2293,
0.1309

251.7908, 0.2989,

 0.2005, 0.1994,

0.2796

0.0469

302.7536, 0.2997,
0.2824

0.0000, 0.0000,
0.0000

43.3787, 0.2868,
0.2452

43.3787, 0.2868,
0.2452

34.4977, 0.2759,
0.2155

53.8960, 0.2965,
0.2741

27.1607, 0.2639,
0.1860

66.1245, 0.3049,
0.3015

21.2741, 0.2511,
0.1582

80.1410, 0.3121,
0.3268

16.7318, 0.2381,
0.1335

96.0158, 0.3182,
0.3500

13.4122, 0.2253,
0.1133

98.5993, 0.3254,
0.3503

■ 11.1707, 0.2134,
0.0986

■ 98.6636, 0.3256,
0.3503

■ 9.8516, 0.2036,
0.0895

Harmonies

Analogous

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



43.3787, 0.2391, 0.2364



43.3787, 0.2868, 0.2452



43.3787, 0.3467, 0.2717

Triad

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



43.3787, 0.2868, 0.2452



43.3787, 0.4221, 0.4000



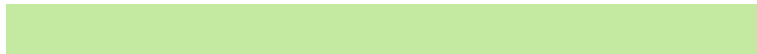
43.3787, 0.2298, 0.3396

Complementary

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



43.3787, 0.2868, 0.2452



72.5966, 0.3323, 0.4134

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.



43.3787, 0.2732, 0.3984



43.3787, 0.2868, 0.2452



43.3787, 0.3846, 0.4311

Square

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



43.3787, 0.2868, 0.2452



43.3787, 0.4292, 0.3562



43.3787, 0.3298, 0.4336



43.3787, 0.2087, 0.2842

Rectangle

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



43.3787, 0.2868, 0.2452



43.3787, 0.3848, 0.2968



43.3787, 0.3298, 0.4336



43.3787, 0.2420, 0.3601

Sweetspot

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



43.3805, 0.2868, 0.2452



84.1649, 0.3064, 0.3063



53.3986, 0.2632, 0.2847



17.5035, 0.3052, 0.3025



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.



43.3805, 0.2868, 0.2452



46.1573, 0.2801, 0.2266



48.7022, 0.3163, 0.2523



14.9292, 0.3060, 0.3052



5.6638, 0.2051, 0.0904



0.5020, 0.2199, 0.0985

Inverse Universe

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



46.8058, 0.3489, 0.2899



51.1107, 0.3590, 0.2817



68.4340, 0.3085, 0.4199



15.1762, 0.3217, 0.3176



10.5357, 0.5013, 0.2535



0.8467, 0.4697, 0.2361

Previews

White Background



This preview shows how the Yxy color 43.3787, 0.2868, 0.2452 looks on a white background.

Color Contrast Check

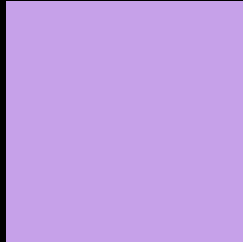
Large Text (above 18pt) WCAG AA × Fail

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 43.3787, 0.2868, 0.2452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

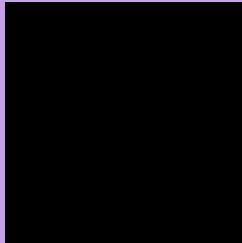
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3787, 0.2868, 0.2452

Background



This preview shows how black text looks on a background with the Yxy color 43.3787, 0.2868, 0.2452.



This preview shows how white text looks on a background with the Yxy color 43.3787, 0.2868, 0.2452.

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

43.3787, 0.2868, 0.2452

Protanopia

43.8111, 0.2505, 0.2438

Deuteranopia

43.5492, 0.2630, 0.2564



Tritanopia

43.5337, 0.3189, 0.3123

Trichromacy



Original Color

43.3787, 0.2868, 0.2452

Protanomaly

43.2659, 0.2625, 0.2439

Deuteranomaly

43.4322, 0.2707, 0.2520

Tritanomaly

43.2392, 0.3068, 0.2854

Monochromacy



Original Color

43.3787, 0.2868, 0.2452

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.5755, 0.3039, 0.2961

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3787, 0.2868, 0.2452 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(198, 161, 233)` looks like.

```
.text, #text, p{  
    color:rgb(198, 161, 233)  
}
```

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(198, 161, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 161, 233) }
```

Border

The CSS property to change the border of an element to Yxy 43.3787, 0.2868, 0.2452 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(198, 161, 233) }
```

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

```
.border{ border-color:rgb(198, 161, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 161, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 161, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 161, 233);  
box-shadow:4px 4px 4px 4px rgb(198, 161,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3787, 0.2868, 0.2452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 161, 233) }
```

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

```
.background{ background-color: rgb(198,  
161, 233) }
```

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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