

Converting Colors

$Yxy(43.4804, 0.2948, 0.2591)$

Have a look what the booklet for
Yxy(43.4804, 0.2948, 0.2591)
contains.

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Color

Yxy(43.4741, 0.2952, 0.2589)

Conversions

Conversions Part 1

Format	Color
Hex	C6A3DE
RGB	198, 163, 222
RGB Percent	78%, 64%, 87%
CMY	0.2235, 0.3608, 0.1295
CMYK	0.11, 0.27, 0.00, 0.13
HSL	276°, 47%, 75%
HSV	276°, 27%, 87%
XYZ	49.5695, 43.4741, 74.8749
YIQ	180.1910, 1.9210, 25.7690

Conversions

Conversions Part 2

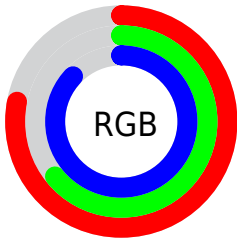
Format	Color
R_{YB}	198, 163, 222
Decimal	13018078
CIE _{Lab}	71.88, 23.69, -25.02
CIE _{LCh}	72, 34.458, 313.436
Yxy	43.4741, 0.2952, 0.2589
Android (android.graphics.Color)	4291208158 (0xFFC6A3DE)
YUV	180.1910, 20.6118, 15.6185
Hunter-Lab	65.9349, 18.8094, -21.1746

Details

The Yxy color **43.4741, 0.2952, 0.2589** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **65.4423, 0.3262, 0.4011**, and the grayscale version is **45.6372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **20.0882, 0.2897, 0.2408** is the 20% darker color. If you saturate the color by 10%, you get **35.0822, 0.2867, 0.2303**, and if you desaturate by 10%, it is **53.3263, 0.3027, 0.2866**.

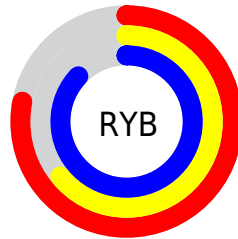
Distribution



Red (78%)

Green (64%)

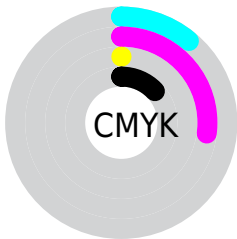
Blue (87%)



Red (78%)

Yellow (64%)

Blue (87%)

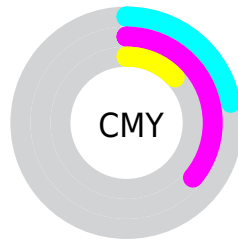


Cyan (11%)

Magenta (27%)

Yellow (0%)

Black (13%)



Cyan (22%)


Magenta (36%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4741, 0.2952, 0.2589 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 43.4741, 0.2952, 0.2589 by changing the saturation by 10% instead.


 43.4741, 0.2952,
0.2589


 43.4741, 0.2952,
0.2589


360.5579, 0.3046,
0.2925

 30.2573, 0.2927,
0.2510


 80.4258, 0.2987,
0.2708

 20.0340, 0.2894,
0.2411


 104.9295, 0.3000,
0.2753

 12.4197, 0.2850,
0.2284


133.9642, 0.3011,
0.2792

 7.0302, 0.2786,
0.2116

167.9144, 0.3020,
0.2826

 3.4810, 0.2689,
0.1884

207.1645, 0.3028,
0.2855

 1.3877, 0.2525,
0.1548

252.0989, 0.3035,

 0.2076, 0.2313,

0.2881

0.0619

303.1018, 0.3040,
0.2904

0.0000, 0.0000,
0.0000

43.4741, 0.2952,
0.2589

43.4741, 0.2952,
0.2589

35.0822, 0.2867,
0.2303

53.3263, 0.3027,
0.2866

28.0715, 0.2771,
0.2018

64.7016, 0.3091,
0.3128

22.3637, 0.2667,
0.1745

77.6658, 0.3145,
0.3371

17.8701, 0.2558,
0.1497

92.2789, 0.3190,
0.3594

14.4905, 0.2448,
0.1289

95.8715, 0.3245,
0.3619

■ 12.1081, 0.2340,
0.1128

■ 97.5183, 0.3303,
0.3613

■ 10.5748, 0.2240,
0.1020

■ 98.0531, 0.3322,
0.3611

■ 10.1567, 0.2207,
0.0989

Harmonies

Analogous

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



43.4741, 0.2533, 0.2503



43.4741, 0.2952, 0.2589



43.4741, 0.3454, 0.2828

Triad

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



43.4741, 0.2952, 0.2589



43.4741, 0.4030, 0.3926



43.4741, 0.2407, 0.3344

Complementary

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



43.4741, 0.2952, 0.2589



65.4423, 0.3262, 0.4011

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.



43.4741, 0.2766, 0.3827



43.4741, 0.2952, 0.2589



43.4741, 0.3706, 0.4157

Square

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



43.4741, 0.2952, 0.2589



43.4741, 0.4105, 0.3565



43.4741, 0.3240, 0.4138



43.4741, 0.2239, 0.2892

Rectangle

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



43.4741, 0.2952, 0.2589



43.4741, 0.3763, 0.3050



43.4741, 0.3240, 0.4138



43.4741, 0.2508, 0.3511

Sweetspot

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



43.4759, 0.2952, 0.2589



86.1285, 0.3082, 0.3090



48.8477, 0.2699, 0.2855



17.9106, 0.3072, 0.3051



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.



43.4759, 0.2952, 0.2589



52.7623, 0.2905, 0.2427



46.7371, 0.3199, 0.2682



13.6433, 0.3073, 0.3054



6.1003, 0.2220, 0.0997



0.4747, 0.2370, 0.1079

Inverse Universe

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



45.3109, 0.3468, 0.3011



55.7852, 0.3566, 0.2948



62.8460, 0.3061, 0.3985



13.7925, 0.3229, 0.3195



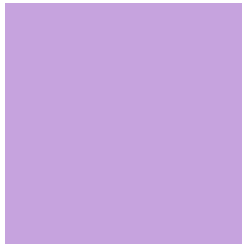
9.6862, 0.5343, 0.2717



0.6888, 0.4939, 0.2494

Previews

White Background



This preview shows how the Yxy color 43.4741, 0.2952, 0.2589 looks on a white background.

Color Contrast Check

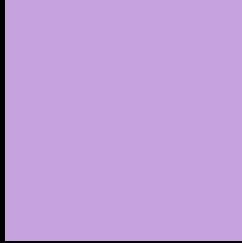
Large Text (above 18pt) WCAG AA × Fail

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 43.4741, 0.2952, 0.2589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

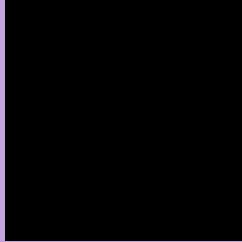
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4741, 0.2952, 0.2589

Background



This preview shows how black text looks on a background with the Yxy color 43.4741, 0.2952, 0.2589.



This preview shows how white text looks on a background with the Yxy color 43.4741, 0.2952, 0.2589.

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

43.4741, 0.2952, 0.2589

Protanopia

43.5623, 0.2616, 0.2583

Deuteranopia

43.7124, 0.2754, 0.2696



Tritanopia

43.4166, 0.3208, 0.3111

Trichromacy



Original Color

43.4741, 0.2952, 0.2589

Protanomaly

43.2942, 0.2726, 0.2583

Deuteranomaly

43.4201, 0.2822, 0.2647

Tritanomaly

43.1840, 0.3110, 0.2903

Monochromacy



Original Color

43.4741, 0.2952, 0.2589

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.7770, 0.3070, 0.3023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4741, 0.2952, 0.2589 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, 163, 222)` looks like.

```
.text, #text, p{  
    color:rgb(198, 163, 222)  
}
```

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, 163, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 163, 222) }
```

Border

The CSS property to change the border of an element to Yxy 43.4741, 0.2952, 0.2589 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, 163, 222) }
```

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

```
.border{ border-color:rgb(198, 163, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 163, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 163, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 163, 222);  
box-shadow:4px 4px 4px 4px rgb(198, 163,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4741, 0.2952, 0.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 163, 222) }
```

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

```
.background{ background-color: rgb(198,  
163, 222) }
```

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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