

Converting Colors

$Yxy(43.6345, 0.3007, 0.2690)$

Have a look what the booklet for
Yxy(43.6345, 0.3007, 0.2690)
contains.

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Color

Yxy(43.7711, 0.3015, 0.2700)

Conversions

Conversions Part 1

Format	Color
Hex	C6A5D6
RGB	198, 165, 214
RGB Percent	78%, 65%, 84%
CMY	0.2235, 0.3529, 0.1609
CMYK	0.07, 0.23, 0.00, 0.16
HSL	280°, 37%, 74%
HSV	280°, 23%, 84%
XYZ	48.8777, 43.7711, 69.4664
YIQ	180.4530, 3.9390, 22.2350

Conversions

Conversions Part 2

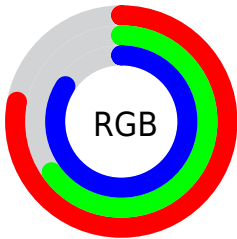
Format	Color
R _Y B	198, 165, 214
Decimal	13018582
CIE Lab	72.08, 20.95, -20.32
CIE LCh	72, 29.186, 315.874
Yxy	43.7711, 0.3015, 0.2700
Android (android.graphics.Color)	4291208662 (0xFFC6A5D6)
YUV	180.4530, 16.5387, 15.3887
Hunter-Lab	66.1597, 16.0934, -15.9415

Details

The Yxy color $43.7711, 0.3015, 0.2700$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $60.6125, 0.3215, 0.3906$, and the grayscale version is $45.8063, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.6664, 0.3143, 0.2950$, and $20.2427, 0.2982, 0.2550$ is the 20% darker color. If you saturate the color by 10%, you get $35.7624, 0.2952, 0.2424$, and if you desaturate by 10%, it is $53.1184, 0.3069, 0.2967$.

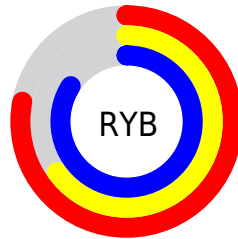
Distribution



Red (78%)

Green (65%)

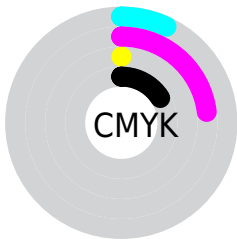
Blue (84%)



Red (78%)

Yellow (65%)

Blue (84%)

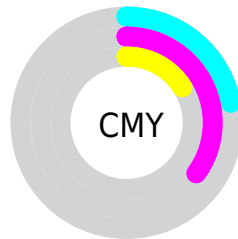


Cyan (7%)

Magenta (23%)

Yellow (0%)

Black (16%)



Cyan (22%)


Magenta (35%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7711, 0.3015, 0.2700 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 43.7711, 0.3015, 0.2700 by changing the saturation by 10% instead.


 43.7711, 0.3015,
0.2700


 43.7711, 0.3015,
0.2700


361.7734, 0.3076,
0.2985

 30.4906, 0.2999,
0.2632


 80.8732, 0.3038,
0.2801

 20.2113, 0.2977,
0.2547


 105.4636, 0.3046,
0.2840

 12.5487, 0.2947,
0.2436


134.5927, 0.3053,
0.2873

 7.1185, 0.2903,
0.2288

168.6450, 0.3059,
0.2901

 3.5363, 0.2835,
0.2080

208.0048, 0.3064,
0.2926

 1.4177, 0.2716,
0.1770

253.0565, 0.3069,

 0.2297, 0.2591,

0.2948

0.0816

304.1846, 0.3073,
0.2968

0.0000, 0.0000,
0.0000

43.7711, 0.3015,
0.2700

43.7711, 0.3015,
0.2700

35.7624, 0.2952,
0.2424

53.1184, 0.3069,
0.2967

29.0219, 0.2880,
0.2149

63.8591, 0.3115,
0.3220

23.4813, 0.2800,
0.1883

76.0515, 0.3154,
0.3456

19.0632, 0.2715,
0.1640

89.7490, 0.3185,
0.3672

15.6811, 0.2626,
0.1431

93.6776, 0.3226,
0.3710

■ 13.2356, 0.2538,
0.1266

■ 94.8743, 0.3271,
0.3704

■ 11.6066, 0.2452,
0.1151

■ 96.1181, 0.3316,
0.3698

■ 10.8003, 0.2393,
0.1092

■ 97.4092, 0.3362,
0.3692

■ 97.6332, 0.3370,
0.3691

Harmonies

Analogous

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



43.7711, 0.2646, 0.2616



43.7711, 0.3015, 0.2700



43.7711, 0.3440, 0.2917

Triad

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



43.7711, 0.3015, 0.2700



43.7711, 0.3878, 0.3859



43.7711, 0.2496, 0.3306

Complementary

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



43.7711, 0.3015, 0.2700



60.6125, 0.3215, 0.3906

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.



43.7711, 0.2794, 0.3709



43.7711, 0.3015, 0.2700



43.7711, 0.3594, 0.4030

Square

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



43.7711, 0.3015, 0.2700



43.7711, 0.3957, 0.3560



43.7711, 0.3195, 0.3985



43.7711, 0.2363, 0.2932

Rectangle

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



43.7711, 0.3015, 0.2700



43.7711, 0.3692, 0.3114



43.7711, 0.3195, 0.3985



43.7711, 0.2579, 0.3445

Sweetspot

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



43.7730, 0.3015, 0.2700



88.0480, 0.3097, 0.3116



46.0348, 0.2758, 0.2870



18.6361, 0.3094, 0.3101



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.



43.7730, 0.3015, 0.2700



59.6491, 0.2988, 0.2580



45.6513, 0.3223, 0.2813



12.4204, 0.3086, 0.3057



6.5890, 0.2405, 0.1099



0.4414, 0.2547, 0.1177

Inverse Universe

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



44.5396, 0.3445, 0.3099



61.0247, 0.3524, 0.3060



59.0991, 0.3044, 0.3819



12.4869, 0.3240, 0.3214



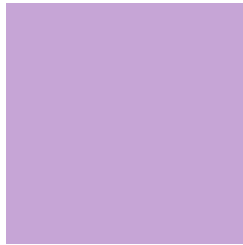
8.9238, 0.5654, 0.2888



0.5533, 0.5162, 0.2617

Previews

White Background



This preview shows how the Yxy color 43.7711, 0.3015, 0.2700 looks on a white background.

Color Contrast Check

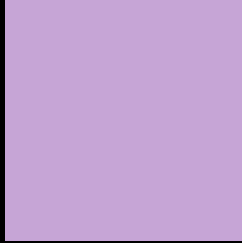
Large Text (above 18pt) WCAG AA × Fail

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 43.7711, 0.3015, 0.2700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

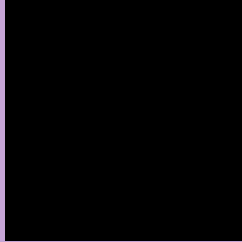
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7711, 0.3015, 0.2700

Background



This preview shows how black text looks on a background with the Yxy color 43.7711, 0.3015, 0.2700.



This preview shows how white text looks on a background with the Yxy color 43.7711, 0.3015, 0.2700.

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

43.7711, 0.3015, 0.2700

Protanopia

43.9874, 0.2711, 0.2704

Deuteranopia

43.8707, 0.2849, 0.2794



Tritanopia

43.5476, 0.3217, 0.3112

Trichromacy



Original Color

43.7711, 0.3015, 0.2700

Protanomaly

43.6528, 0.2821, 0.2702

Deuteranomaly

43.7439, 0.2905, 0.2754

Tritanomaly

43.5475, 0.3143, 0.2952

Monochromacy



Original Color

43.7711, 0.3015, 0.2700

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.0305, 0.3094, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7711, 0.3015, 0.2700 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, 165, 214)` looks like.

```
.text, #text, p{  
    color:rgb(198, 165, 214)  
}
```

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, 165, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 165, 214) }
```

Border

The CSS property to change the border of an element to Yxy 43.7711, 0.3015, 0.2700 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, 165, 214) }
```

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

```
.border{ border-color:rgb(198, 165, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 165, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 165, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 165, 214);  
box-shadow:4px 4px 4px 4px rgb(198, 165,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7711, 0.3015, 0.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 165, 214) }
```

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

```
.background{ background-color: rgb(198,  
165, 214) }
```

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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