

Converting Colors

$Y_{xy}(43.5213, 0.2981, 0.2612)$

Have a look what the booklet for
Yxy(43.5213, 0.2981, 0.2612)
contains.

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Color

Yxy(43.6411, 0.2984, 0.2614)

Conversions

Conversions Part 1

Format	Color
Hex	C8A3DC
RGB	200, 163, 220
RGB Percent	78%, 64%, 86%
CMY	0.2160, 0.3606, 0.1373
CMYK	0.09, 0.26, 0.00, 0.14
HSL	279°, 45%, 75%
HSV	279°, 26%, 86%
XYZ	49.8183, 43.6411, 73.4920
YIQ	180.5610, 3.7550, 25.5710

Conversions

Conversions Part 2

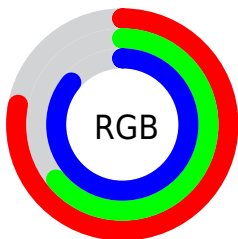
Format	Color
R _{YB}	200, 163, 220
Decimal	13149148
CIE _{Lab}	71.99, 23.88, -23.73
CIE _{LCh}	72, 33.668, 315.174
Yxy	43.6411, 0.2984, 0.2614
Android (android.graphics.Color)	4291339228 (0xFFC8A3DC)
YUV	180.5610, 19.4434, 17.0480
Hunter-Lab	66.0614, 19.0031, -19.7160

Details

The Yxy color **43.6411, 0.2984, 0.2614** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.8979, 0.3236, 0.3996**, and the grayscale version is **45.8490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **20.1052, 0.2929, 0.2438** is the 20% darker color. If you saturate the color by 10%, you get **35.4578, 0.2912, 0.2334**, and if you desaturate by 10%, it is **53.2409, 0.3047, 0.2887**.

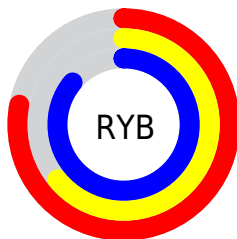
Distribution



Red (78%)

Green (64%)

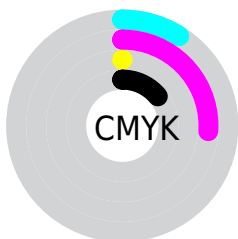
Blue (86%)



Red (78%)

Yellow (64%)

Blue (86%)

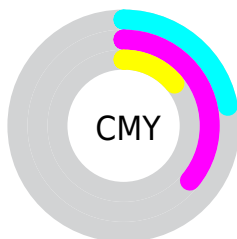


Cyan (9%)

Magenta (26%)

Yellow (0%)

Black (14%)



Cyan (22%)


Magenta (36%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6411, 0.2984, 0.2614 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 43.6411, 0.2984, 0.2614 by changing the saturation by 10% instead.


 43.6411, 0.2984,
0.2614

 43.6411, 0.2984,
0.2614


361.2417, 0.3062,
0.2938

 30.3885, 0.2963,
0.2537


 80.6774, 0.3013,
0.2729

 20.1336, 0.2936,
0.2442


 105.2299, 0.3024,
0.2772

 12.4922, 0.2898,
0.2319


134.3177, 0.3033,
0.2810

 7.0798, 0.2843,
0.2155

168.3254, 0.3040,
0.2843

 3.5121, 0.2759,
0.1929

207.6372, 0.3047,
0.2871

 1.4046, 0.2615,
0.1600

252.6376, 0.3052,

 0.2201, 0.2441,

0.2896

0.0678

303.7110, 0.3057,
0.2918

0.0000, 0.0000,
0.0000

43.6411, 0.2984,
0.2614

43.6411, 0.2984,
0.2614

35.4578, 0.2912,
0.2334

53.2409, 0.3047,
0.2887

28.6142, 0.2831,
0.2056

64.3176, 0.3100,
0.3146

23.0348, 0.2742,
0.1792


76.9349, 0.3145,
0.3387


18.6340, 0.2648,
0.1552

91.1510, 0.3181,
0.3609

15.3152, 0.2552,
0.1351


94.9767, 0.3228,
0.3643

 12.9660, 0.2457,
0.1196

 96.3511, 0.3278,
0.3637

 11.4477, 0.2367,
0.1092

 97.7840, 0.3328,
0.3632

 10.9640, 0.2331,
0.1058

 97.9461, 0.3334,
0.3631

Harmonies

Analogous

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



43.6411, 0.2567, 0.2521



43.6411, 0.2984, 0.2614



43.6411, 0.3475, 0.2856

Triad

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



43.6411, 0.2984, 0.2614



43.6411, 0.3996, 0.3930



43.6411, 0.2409, 0.3315

Complementary

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



43.6411, 0.2984, 0.2614



63.8979, 0.3236, 0.3996

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.



43.6411, 0.2751, 0.3788



43.6411, 0.2984, 0.2614



43.6411, 0.3669, 0.4142

Square

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



43.6411, 0.2984, 0.2614



43.6411, 0.4085, 0.3582



43.6411, 0.3211, 0.4106



43.6411, 0.2256, 0.2881

Rectangle

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



43.6411, 0.2984, 0.2614



43.6411, 0.3771, 0.3077



43.6411, 0.3211, 0.4106



43.6411, 0.2504, 0.3478

Sweetspot

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



43.6429, 0.2984, 0.2614



86.3310, 0.3089, 0.3090



47.2019, 0.2707, 0.2830



17.9617, 0.3081, 0.3052



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.



43.6429, 0.2984, 0.2614



54.6095, 0.2946, 0.2464



46.1922, 0.3221, 0.2728



13.0336, 0.3082, 0.3056



6.5005, 0.2344, 0.1065



0.4686, 0.2486, 0.1143

Inverse Universe

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



44.8416, 0.3485, 0.3054



56.6402, 0.3585, 0.3003



61.8912, 0.3045, 0.3926



13.1269, 0.3237, 0.3208



9.2674, 0.5558, 0.2835



0.6164, 0.5103, 0.2585

Previews

White Background



This preview shows how the Yxy color 43.6411, 0.2984, 0.2614 looks on a white background.

Color Contrast Check

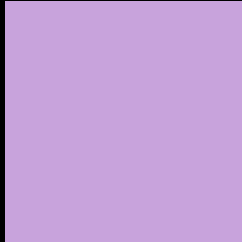
Large Text (above 18pt) WCAG AA × Fail

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 43.6411, 0.2984, 0.2614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

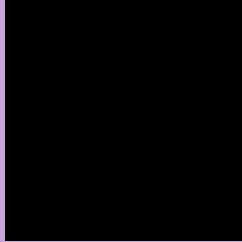
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6411, 0.2984, 0.2614

Background



This preview shows how black text looks on a background with the Yxy color 43.6411, 0.2984, 0.2614.



This preview shows how white text looks on a background with the Yxy color 43.6411, 0.2984, 0.2614.

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

43.6411, 0.2984, 0.2614

Protanopia

44.0479, 0.2644, 0.2621

Deuteranopia

43.8333, 0.2783, 0.2721



Tritanopia

43.6377, 0.3235, 0.3125

Trichromacy



Original Color

43.6411, 0.2984, 0.2614

Protanomaly

43.7922, 0.2756, 0.2621

Deuteranomaly

43.5577, 0.2852, 0.2672

Tritanomaly

43.3587, 0.3144, 0.2929

Monochromacy



Original Color

43.6411, 0.2984, 0.2614

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

44.9036, 0.3079, 0.3023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6411, 0.2984, 0.2614 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(200, 163, 220)` looks like.

```
.text, #text, p{  
    color:rgb(200, 163, 220)  
}
```

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(200, 163, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 163, 220) }
```

Border

The CSS property to change the border of an element to Yxy 43.6411, 0.2984, 0.2614 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(200, 163, 220) }
```

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

```
.border{ border-color:rgb(200, 163, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 163, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 163, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 163, 220);  
box-shadow:4px 4px 4px 4px rgb(200, 163,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6411, 0.2984, 0.2614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 163, 220) }
```

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

```
.background{ background-color: rgb(200,  
163, 220) }
```

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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