

Converting Colors

$Y_{xy}(41.5612, 0.3025, 0.2712)$

Have a look what the booklet for
Yxy(41.5612, 0.3025, 0.2712)
contains.

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Color

Yxy(41.5131, 0.3029, 0.2711)

Conversions

Conversions Part 1

Format	Color
Hex	C2A1D0
RGB	194, 161, 208
RGB Percent	76%, 63%, 82%
CMY	0.2391, 0.3686, 0.1844
CMYK	0.07, 0.23, 0.00, 0.18
HSL	282°, 33%, 72%
HSV	282°, 23%, 82%
XYZ	46.3826, 41.5131, 65.2327
YIQ	176.2250, 4.5810, 21.6130

Conversions

Conversions Part 2

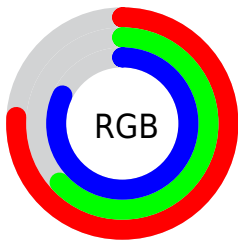
Format	Color
RYB	194, 161, 208
Decimal	12755408
CIELab	70.53, 20.66, -19.41
CIELCh	71, 28.343, 316.789
Yxy	41.5131, 0.3029, 0.2711
Android (android.graphics.Color)	4290945488 (0xFFC2A1D0)
YUV	176.2250, 15.6651, 15.5887
Hunter-Lab	64.4307, 15.7456, -14.9266

Details

The Yxy color **41.5131, 0.3029, 0.2711** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.7855, 0.3203, 0.3899**, and the grayscale version is **43.4565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8410, 0.3117, 0.2907**, and **18.8458, 0.2988, 0.2547** is the 20% darker color. If you saturate the color by 10%, you get **34.0401, 0.2973, 0.2439**, and if you desaturate by 10%, it is **50.2326, 0.3077, 0.2976**.

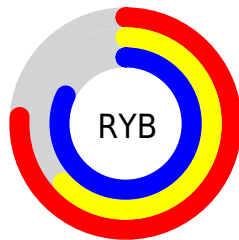
Distribution



Red (76%)

Green (63%)

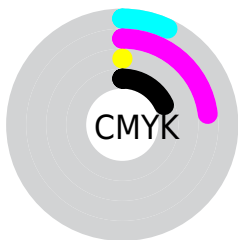
Blue (82%)



Red (76%)

Yellow (63%)

Blue (82%)

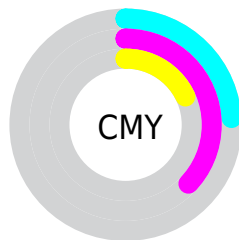


Cyan (7%)

Magenta (23%)

Yellow (0%)

Black (18%)



Cyan (24%)


Magenta (37%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5131, 0.3029, 0.2711 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 41.5131, 0.3029, 0.2711 by changing the saturation by 10% instead.

 41.5131, 0.3029,
0.2711

 41.5131, 0.3029,
0.2711


352.4606, 0.3083,
0.2993

 28.7202, 0.3014,
0.2643


 77.4622, 0.3050,
0.2812

 18.8693, 0.2994,
0.2557


 101.3872, 0.3057,
0.2850

 11.5759, 0.2966,
0.2445


129.7917, 0.3063,
0.2883

 6.4556, 0.2925,
0.2293

163.0601, 0.3069,
0.2911

 3.1240, 0.2858,
0.2078

201.5768, 0.3073,
0.2936

 1.1968, 0.2739,
0.1751

245.7262, 0.3077,

 0.0591, 0.2648,

0.2957

0.0279

295.8926, 0.3080,
0.2976

0.0000, 0.0000,
0.0000

41.5131, 0.3029,
0.2711

41.5131, 0.3029,
0.2711

34.0401, 0.2973,
0.2439

50.2326, 0.3077,
0.2976

27.7482, 0.2909,
0.2167

60.2494, 0.3118,
0.3227

22.5739, 0.2837,
0.1906

71.6178, 0.3151,
0.3462

18.4455, 0.2760,
0.1668

84.3873, 0.3179,
0.3678

15.2827, 0.2680,
0.1464

92.0665, 0.3209,
0.3780

■ 12.9935, 0.2599,
0.1303

■ 93.0766, 0.3249,
0.3774

■ 11.4672, 0.2521,
0.1190

■ 94.1229, 0.3289,
0.3768

■ 10.6855, 0.2464,
0.1131

■ 95.2059, 0.3329,
0.3762

■ 96.3258, 0.3370,
0.3756

Harmonies

Analogous

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



41.5131, 0.2661, 0.2623



41.5131, 0.3029, 0.2711



41.5131, 0.3448, 0.2929

Triad

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



41.5131, 0.3029, 0.2711



41.5131, 0.3864, 0.3860



41.5131, 0.2496, 0.3294

Complementary

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



41.5131, 0.3029, 0.2711



56.7855, 0.3203, 0.3899

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.



41.5131, 0.2787, 0.3693



41.5131, 0.3029, 0.2711



41.5131, 0.3578, 0.4023

Square

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



41.5131, 0.3029, 0.2711



41.5131, 0.3948, 0.3568



41.5131, 0.3182, 0.3971



41.5131, 0.2370, 0.2927

Rectangle

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



41.5131, 0.3029, 0.2711



41.5131, 0.3695, 0.3126



41.5131, 0.3182, 0.3971



41.5131, 0.2577, 0.3431

Sweetspot

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



41.5149, 0.3029, 0.2711



88.1439, 0.3101, 0.3116



42.8255, 0.2762, 0.2855



18.6583, 0.3098, 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.



41.5149, 0.3029, 0.2711



59.9879, 0.3003, 0.2583



43.0000, 0.3235, 0.2838



11.8255, 0.3091, 0.3058



6.7129, 0.2475, 0.1137



0.4154, 0.2614, 0.1214

Inverse Universe

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



41.9887, 0.3452, 0.3118



60.9262, 0.3541, 0.3080



55.5983, 0.3035, 0.3789



11.8652, 0.3245, 0.3221



8.5878, 0.5757, 0.2945



0.4941, 0.5225, 0.2652

Previews

White Background



This preview shows how the Yxy color 41.5131, 0.3029, 0.2711 looks on a white background.

Color Contrast Check

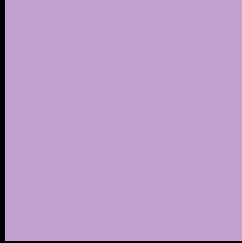
Large Text (above 18pt) WCAG AA × Fail

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 41.5131, 0.3029, 0.2711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

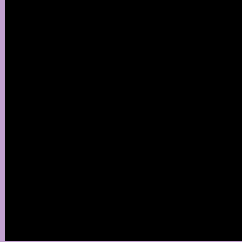
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5131, 0.3029, 0.2711

Background



This preview shows how black text looks on a background with the Yxy color 41.5131, 0.3029, 0.2711.



This preview shows how white text looks on a background with the Yxy color 41.5131, 0.3029, 0.2711.

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

41.5131, 0.3029, 0.2711

Protanopia

41.7135, 0.2717, 0.2716

Deuteranopia

41.7164, 0.2867, 0.2810



Tritanopia

41.4743, 0.3237, 0.3121

Trichromacy



Original Color

41.5131, 0.3029, 0.2711

Protanomaly

41.3896, 0.2829, 0.2713

Deuteranomaly

41.6012, 0.2924, 0.2768

Tritanomaly

41.3450, 0.3152, 0.2958

Monochromacy



Original Color

41.5131, 0.3029, 0.2711

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.8239, 0.3093, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5131, 0.3029, 0.2711 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(194, 161, 208)` looks like.

```
.text, #text, p{  
    color:rgb(194, 161, 208)  
}
```

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(194, 161, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 161, 208) }
```

Border

The CSS property to change the border of an element to Yxy 41.5131, 0.3029, 0.2711 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(194, 161, 208) }
```

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

```
.border{ border-color:rgb(194, 161, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 161, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 161, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 161, 208); box-shadow:4px 4px 4px 4px rgb(194, 161, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5131, 0.3029, 0.2711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 161, 208) }
```

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

```
.background{ background-color: rgb(194,  
161, 208) }
```

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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