

Converting Colors

$Y_{xy}(43.8380, 0.2811, 0.2189)$

Have a look what the booklet for
Yxy(43.8380, 0.2811, 0.2189)
contains.

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Color

Yxy(43.8513, 0.2812, 0.2190)

Conversions

Conversions Part 1

Format	Color
Hex	D399FF
RGB	211, 153, 255
RGB Percent	83%, 60%, 100%
CMY	0.1724, 0.4000, 0.0001
CMYK	0.17, 0.40, 0.00, 0.00
HSL	274°, 100%, 80%
HSV	274°, 40%, 100%
XYZ	56.3059, 43.8513, 100.0771
YIQ	181.9700, 1.8260, 44.0180

Conversions

Conversions Part 2

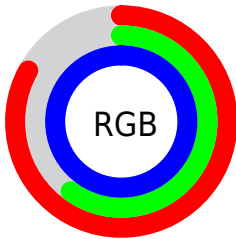
Format	Color
R _Y B	211, 153, 255
Decimal	13867519
CIE Lab	72.13, 40.06, -42.51
CIE LCh	72, 58.412, 313.302
Yxy	43.8513, 0.2812, 0.2190
Android (android.graphics.Color)	4292057599 (0xFFD399FF)
YUV	181.9700, 36.0038, 25.4593
Hunter-Lab	66.2203, 35.8896, -43.2492

Details

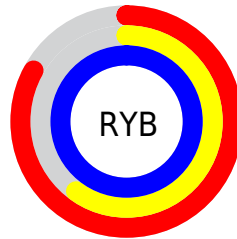
The Yxy color **43.8513, 0.2812, 0.2190** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **85.6626, 0.3335, 0.4428**, and the grayscale version is **46.5634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5918, 0.3149, 0.2831**, and **20.3531, 0.2712, 0.1946** is the 20% darker color. If you saturate the color by 10%, you get **34.8116, 0.2706, 0.1902**, and if you desaturate by 10%, it is **54.7886, 0.2908, 0.2482**.

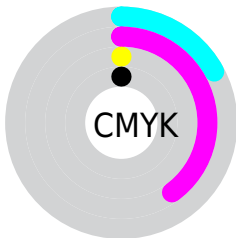
Distribution



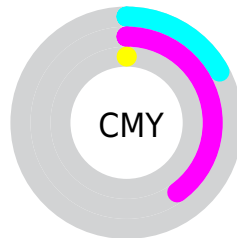
- Red (83%)
- Green (60%)
- Blue (100%)



- Red (83%)
- Yellow (60%)
- Blue (100%)



- Cyan (17%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8513, 0.2812, 0.2190 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 43.8513, 0.2812, 0.2190 by changing the saturation by 10% instead.


 43.8513, 0.2812,
0.2190

 43.8513, 0.2812,
0.2190


362.1011, 0.2981,
0.2693

 30.5536, 0.2768,
0.2079


 80.9939, 0.2875,
0.2362

 20.2592, 0.2711,
0.1944


 105.6077, 0.2898,
0.2430

 12.5836, 0.2635,
0.1777


134.7623, 0.2918,
0.2488

 7.1424, 0.2530,
0.1567

168.8420, 0.2935,
0.2540

 3.5513, 0.2378,
0.1300

208.2314, 0.2949,
0.2585

 1.4259, 0.2145,
0.0958

253.3148, 0.2961,

 0.2357, 0.1806,

0.2625

0.0339

304.4766, 0.2972,
0.2661

0.0000, 0.0574,
0.0000

0.0000, 0.0000,
0.0000

43.8513, 0.2812,
0.2190

43.8513, 0.2812,
0.2190

34.8116, 0.2706,
0.1902

54.7886, 0.2908,
0.2482

27.5471, 0.2592,
0.1631

67.7246, 0.2992,
0.2767

21.9296, 0.2475,
0.1390

82.7596, 0.3065,
0.3038

17.8103, 0.2359,
0.1194

99.9856, 0.3127,
0.3290

■ 15.0120, 0.2248,
0.1050

99.9980, 0.3127,
0.3290

■ 13.2470, 0.2146,
0.0956

■ 13.2459, 0.2146,
0.0956

Harmonies

Analogous

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



43.8513, 0.2162, 0.2049



43.8513, 0.2812, 0.2190



43.8513, 0.3656, 0.2547

Triad

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



43.8513, 0.2812, 0.2190



43.8513, 0.4592, 0.4243



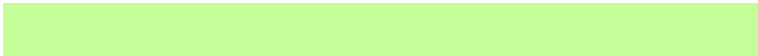
43.8513, 0.1956, 0.3346

Complementary

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



43.8513, 0.2812, 0.2190



85.6626, 0.3335, 0.4428

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.



43.8513, 0.2502, 0.4245



43.8513, 0.2812, 0.2190



43.8513, 0.4024, 0.4717

Square

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



43.8513, 0.2812, 0.2190



43.8513, 0.4766, 0.3648



43.8513, 0.3260, 0.4791



43.8513, 0.1723, 0.2589

Rectangle

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



43.8513, 0.2812, 0.2190



43.8513, 0.4196, 0.2876



43.8513, 0.3260, 0.4791



43.8513, 0.2105, 0.3651

Sweetspot

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



43.8531, 0.2812, 0.2190



79.5907, 0.3052, 0.2985



54.0075, 0.2467, 0.2603



16.6012, 0.3042, 0.2950



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.



43.8531, 0.2812, 0.2190



36.4774, 0.2728, 0.1958



50.8245, 0.3229, 0.2358



17.8879, 0.3069, 0.3051



7.0131, 0.2162, 0.0965



0.7474, 0.2276, 0.1028

Inverse Universe

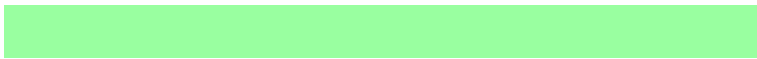
The Inverse Universe completely reimagines the original color for something new.



48.0652, 0.3698, 0.2835



41.4432, 0.3870, 0.2748



80.8033, 0.3036, 0.4443



18.1171, 0.3226, 0.3188



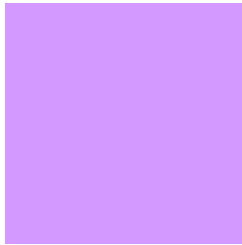
11.7244, 0.5256, 0.2669



1.1630, 0.4967, 0.2510

Previews

White Background



This preview shows how the Yxy color 43.8513, 0.2812, 0.2190 looks on a white background.

Color Contrast Check

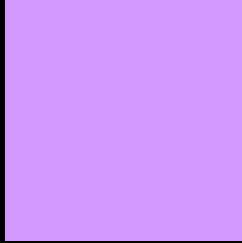
Large Text (above 18pt) WCAG AA × Fail

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 43.8513, 0.2812, 0.2190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

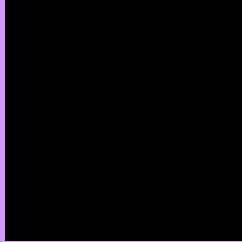
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8513, 0.2812, 0.2190

Background



This preview shows how black text looks on a background with the Yxy color 43.8513, 0.2812, 0.2190.



This preview shows how white text looks on a background with the Yxy color 43.8513, 0.2812, 0.2190.

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

43.8513, 0.2812, 0.2190

Protanopia

43.9761, 0.2403, 0.2309

Deuteranopia

44.1090, 0.2426, 0.2361



Tritanopia

43.8954, 0.3290, 0.3127

Trichromacy



Original Color

43.8513, 0.2812, 0.2190



Protanomaly

43.2631, 0.2532, 0.2249



Deuteranomaly

43.4364, 0.2551, 0.2289



Tritanomaly

43.4943, 0.3099, 0.2738

Monochromacy



Original Color

43.8513, 0.2812, 0.2190



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

45.0667, 0.3011, 0.2823

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8513, 0.2812, 0.2190 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(211, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 153, 255)  
}
```

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(211, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 153, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.8513, 0.2812, 0.2190 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(211, 153, 255) }
```

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

```
.border{ border-color:rgb(211, 153, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 153, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 153, 255); box-shadow:4px 4px 4px 4px rgb(211, 153, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8513, 0.2812, 0.2190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 153, 255) }
```

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

```
.background{ background-color: rgb(211,  
153, 255) }
```

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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