

Converting Colors

$Y_{xy}(43.9284, 0.2894, 0.2202)$

Have a look what the booklet for
Yxy(43.9284, 0.2894, 0.2202)
contains.

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Color

Yxy(43.9010, 0.2897, 0.2205)

Conversions

Conversions Part 1

Format	Color
Hex	DB96FC
RGB	219, 150, 252
RGB Percent	86%, 59%, 99%
CMY	0.1413, 0.4117, 0.0118
CMYK	0.13, 0.40, 0.00, 0.01
HSL	281°, 94%, 79%
HSV	281°, 40%, 99%
XYZ	57.6785, 43.9010, 97.5180
YIQ	182.2590, 8.3820, 46.3500

Conversions

Conversions Part 2

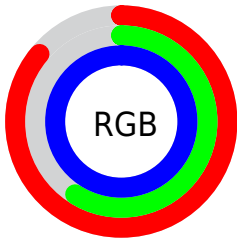
Format	Color
R _Y B	219, 150, 252
Decimal	14391036
CIE Lab	72.16, 43.30, -40.78
CIE LCh	72, 59.483, 316.719
Yxy	43.9010, 0.2897, 0.2205
Android (android.graphics.Color)	4292581116 (0xFFDB96FC)
YUV	182.2590, 34.3823, 32.2219
Hunter-Lab	66.2578, 39.4360, -40.8823

Details

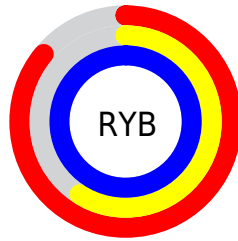
The Yxy color **43.9010, 0.2897, 0.2205** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **81.8904, 0.3266, 0.4468**, and the grayscale version is **46.7342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1426, 0.3150, 0.2801**, and **20.1709, 0.2813, 0.1955** is the 20% darker color. If you saturate the color by 10%, you get **35.4702, 0.2819, 0.1934**, and if you desaturate by 10%, it is **54.1266, 0.2967, 0.2484**.

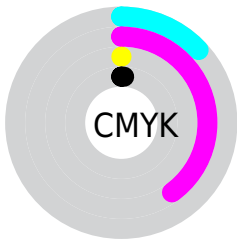
Distribution



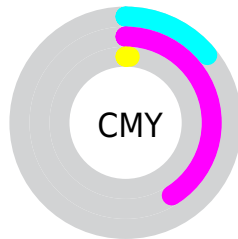
- Red (86%)
- Green (59%)
- Blue (99%)



- Red (86%)
- Yellow (59%)
- Blue (99%)



- Cyan (13%)
- Magenta (40%)
- Yellow (0%)
- Black (1%)





- Cyan (14%)
- Magenta (41%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9010, 0.2897, 0.2205 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 43.9010, 0.2897, 0.2205 by changing the saturation by 10% instead.


 43.9010, 0.2897,
0.2205

 43.9010, 0.2897,
0.2205


362.3041, 0.3026,
0.2700

 30.5927, 0.2862,
0.2095


 81.0688, 0.2946,
0.2375

 20.2889, 0.2817,
0.1962


 105.6970, 0.2964,
0.2441

 12.6052, 0.2755,
0.1797


134.8673, 0.2979,
0.2499

 7.1573, 0.2669,
0.1590

168.9641, 0.2991,
0.2549

 3.5606, 0.2540,
0.1326

208.3718, 0.3002,
0.2594

 1.4310, 0.2337,
0.0985

253.4748, 0.3011,

 0.2394, 0.2038,

0.2633

0.0357

304.6574, 0.3019,
0.2669

0.0000, 0.0938,
0.0000

0.0000, 0.0000,
0.0000

43.9010, 0.2897,
0.2205

43.9010, 0.2897,
0.2205

35.4702, 0.2819,
0.1934

54.1266, 0.2967,
0.2484

28.7159, 0.2734,
0.1684

66.2444, 0.3029,
0.2761

23.5142, 0.2646,
0.1467

80.3510, 0.3081,
0.3027

19.7208, 0.2556,
0.1293

96.5348, 0.3125,
0.3279

■ 17.1637, 0.2470,
0.1168

99.8075, 0.3145,
0.3319

■ 15.6129, 0.2391,
0.1091

Harmonies

Analogous

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



43.9010, 0.2207, 0.2035



43.9010, 0.2897, 0.2205



43.9010, 0.3764, 0.2588

Triad

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



43.9010, 0.2897, 0.2205



43.9010, 0.4564, 0.4319



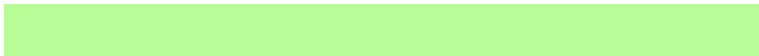
43.9010, 0.1894, 0.3243

Complementary

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



43.9010, 0.2897, 0.2205



81.8904, 0.3266, 0.4468

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.



43.9010, 0.2412, 0.4167



43.9010, 0.2897, 0.2205



43.9010, 0.3953, 0.4776

Square

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



43.9010, 0.2897, 0.2205



43.9010, 0.4800, 0.3719



43.9010, 0.3167, 0.4790



43.9010, 0.1696, 0.2509

Rectangle

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



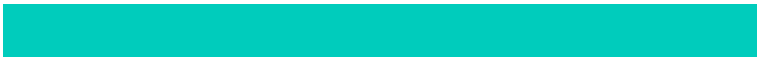
43.9010, 0.2897, 0.2205



43.9010, 0.4297, 0.2931



43.9010, 0.3167, 0.4790



43.9010, 0.2032, 0.3549

Sweetspot

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



43.9028, 0.2897, 0.2205



80.1747, 0.3074, 0.2987



47.8016, 0.2439, 0.2465



16.7388, 0.3067, 0.2953



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.



43.9028, 0.2897, 0.2205



37.5732, 0.2830, 0.1972



48.5129, 0.3318, 0.2437



17.2263, 0.3086, 0.3053



8.2169, 0.2404, 0.1098



0.8182, 0.2502, 0.1152

Inverse Universe

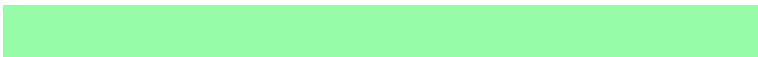
The Inverse Universe completely reimagines the original color for something new.



45.9365, 0.3818, 0.2943



40.1609, 0.4045, 0.2874



78.8905, 0.2984, 0.4330



17.3179, 0.3243, 0.3213



11.1188, 0.5679, 0.2902



1.0483, 0.5344, 0.2718

Previews

White Background



This preview shows how the Yxy color 43.9010, 0.2897, 0.2205 looks on a white background.

Color Contrast Check

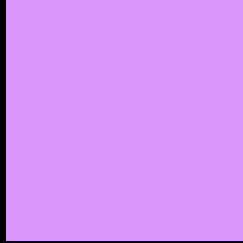
Large Text (above 18pt) WCAG AA × Fail

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 43.9010, 0.2897, 0.2205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

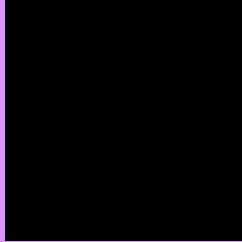
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9010, 0.2897, 0.2205

Background



This preview shows how black text looks on a background with the Yxy color 43.9010, 0.2897, 0.2205.



This preview shows how white text looks on a background with the Yxy color 43.9010, 0.2897, 0.2205.

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

43.9010, 0.2897, 0.2205

Protanopia

44.4593, 0.2411, 0.2323

Deuteranopia

44.1476, 0.2466, 0.2405



Tritanopia

43.9370, 0.3405, 0.3131

Trichromacy



Original Color

43.9010, 0.2897, 0.2205



Protanomaly

43.6583, 0.2565, 0.2266



Deuteranomaly

43.4591, 0.2603, 0.2315

Tritanomaly

43.5949, 0.3207, 0.2749

Monochromacy



Original Color

43.9010, 0.2897, 0.2205



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

44.8565, 0.3044, 0.2836

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9010, 0.2897, 0.2205 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(219, 150, 252)` looks like.

```
.text, #text, p{  
    color:rgb(219, 150, 252)  
}
```

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(219, 150, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 150, 252) }
```

Border

The CSS property to change the border of an element to Yxy 43.9010, 0.2897, 0.2205 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(219, 150, 252) }
```

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

```
.border{ border-color:rgb(219, 150, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 150, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 150, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 150, 252);  
box-shadow:4px 4px 4px 4px rgb(219, 150,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9010, 0.2897, 0.2205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 150, 252) }
```

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

```
.background{ background-color: rgb(219,  
150, 252) }
```

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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