

Converting Colors

$Y_{xy}(42.9343, 0.2801, 0.2163)$

Have a look what the booklet for
Yxy(42.9343, 0.2801, 0.2163)
contains.

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Color

Yxy(43.0549, 0.2803, 0.2166)

Conversions

Conversions Part 1

Format	Color
Hex	D297FF
RGB	210, 151, 255
RGB Percent	82%, 59%, 100%
CMY	0.1761, 0.4080, 0.0000
CMYK	0.18, 0.41, 0.00, 0.00
HSL	274°, 100%, 80%
HSV	274°, 41%, 100%
XYZ	55.7169, 43.0549, 100.0042
YIQ	180.4970, 1.7800, 44.8520

Conversions

Conversions Part 2

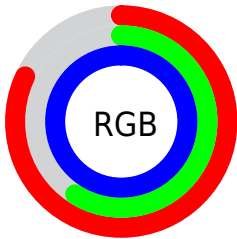
Format	Color
R _Y B	210, 151, 255
Decimal	13801471
CIE Lab	71.59, 40.91, -43.39
CIE LCh	72, 59.631, 313.314
Yxy	43.0549, 0.2803, 0.2166
Android (android.graphics.Color)	4291991551 (0xFFD297FF)
YUV	180.4970, 36.7300, 25.8741
Hunter-Lab	65.6162, 36.7419, -44.4312

Details

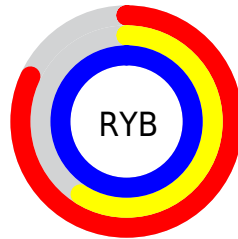
The Yxy color **43.0549, 0.2803, 0.2166** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **85.4712, 0.3338, 0.4453**, and the grayscale version is **45.7218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6226, 0.3150, 0.2811**, and **19.8709, 0.2700, 0.1917** is the 20% darker color. If you saturate the color by 10%, you get **34.1572, 0.2696, 0.1879**, and if you desaturate by 10%, it is **53.8384, 0.2900, 0.2458**.

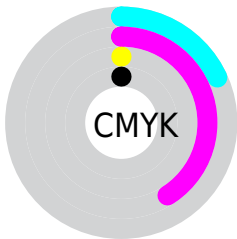
Distribution



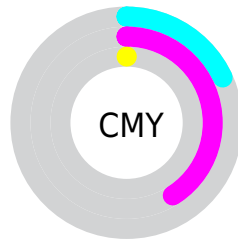
- Red (82%)
- Green (59%)
- Blue (100%)



- Red (82%)
- Yellow (59%)
- Blue (100%)



- Cyan (18%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0549, 0.2803, 0.2166 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 43.0549, 0.2803, 0.2166 by changing the saturation by 10% instead.


 43.0549, 0.2803,
0.2166


 43.0549, 0.2803,
0.2166


358.8375, 0.2978,
0.2680

 29.9282, 0.2758,
0.2052


 79.7937, 0.2868,
0.2342

 19.7841, 0.2699,
0.1914


 104.1746, 0.2892,
0.2411

 12.2382, 0.2620,
0.1744


133.0756, 0.2912,
0.2471

 6.9061, 0.2511,
0.1531

166.8813, 0.2929,
0.2523

 3.4035, 0.2354,
0.1261

205.9759, 0.2944,
0.2569

 1.3458, 0.2113,
0.0916

250.7439, 0.2957,

 0.1763, 0.1769,

0.2610

0.0258

301.5696, 0.2968,
0.2647

0.0000, 0.0444,
0.0000

0.0000, 0.0000,
0.0000

43.0549, 0.2803,
0.2166

43.0549, 0.2803,
0.2166

34.1572, 0.2696,
0.1879

53.8384, 0.2900,
0.2458

27.0274, 0.2582,
0.1609

66.6151, 0.2986,
0.2744

21.5342, 0.2464,
0.1372

81.4841, 0.3060,
0.3017

17.5268, 0.2348,
0.1180

98.5379, 0.3123,
0.3271

■ 14.8251, 0.2238,
0.1040

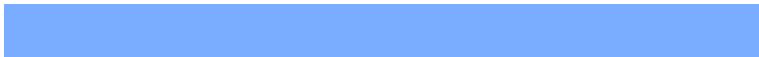
100.0000, 0.3127,
0.3290

■ 13.2332, 0.2145,
0.0955

Harmonies

Analogous

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



43.0549, 0.2139, 0.2022



43.0549, 0.2803, 0.2166



43.0549, 0.3669, 0.2530

Triad

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



43.0549, 0.2803, 0.2166



43.0549, 0.4625, 0.4260



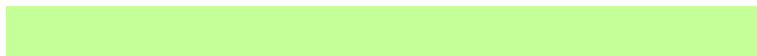
43.0549, 0.1927, 0.3345

Complementary

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



43.0549, 0.2803, 0.2166



85.4712, 0.3338, 0.4453

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.



43.0549, 0.2483, 0.4274



43.0549, 0.2803, 0.2166



43.0549, 0.4041, 0.4751

Square

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



43.0549, 0.2803, 0.2166



43.0549, 0.4809, 0.3651



43.0549, 0.3258, 0.4836



43.0549, 0.1692, 0.2568

Rectangle

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



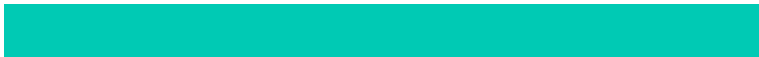
43.0549, 0.2803, 0.2166



43.0549, 0.4225, 0.2865



43.0549, 0.3258, 0.4836



43.0549, 0.2078, 0.3659

Sweetspot

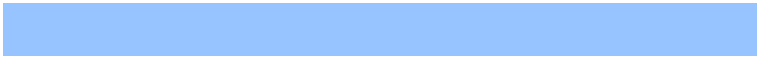
The Sweet Spot groups the original color and five complimentary colors.



43.0549, 0.2803, 0.2166



79.5869, 0.3051, 0.2985



53.2948, 0.2453, 0.2586



16.6003, 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.



43.0549, 0.2803, 0.2166



35.6250, 0.2716, 0.1930



50.1613, 0.3232, 0.2341



17.8872, 0.3068, 0.3051



7.0046, 0.2161, 0.0964



0.7466, 0.2275, 0.1027

Inverse Universe

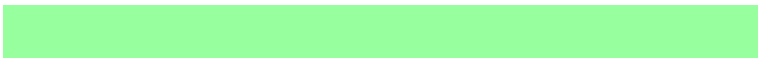
The Inverse Universe completely reimagines the original color for something new.



47.3596, 0.3714, 0.2825



40.6986, 0.3892, 0.2737



80.5604, 0.3034, 0.4470



18.1173, 0.3226, 0.3188



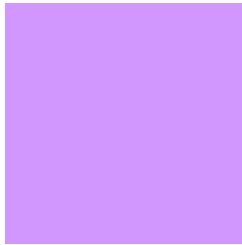
11.7265, 0.5253, 0.2668



1.1632, 0.4964, 0.2508

Previews

White Background



This preview shows how the Yxy color 43.0549, 0.2803, 0.2166 looks on a white background.

Color Contrast Check

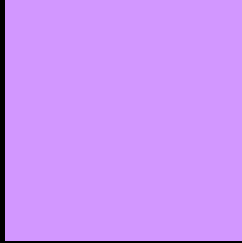
Large Text (above 18pt) WCAG AA × Fail

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 43.0549, 0.2803, 0.2166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

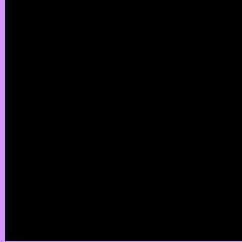
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0549, 0.2803, 0.2166

Background



This preview shows how black text looks on a background with the Yxy color 43.0549, 0.2803, 0.2166.



This preview shows how white text looks on a background with the Yxy color 43.0549, 0.2803, 0.2166.

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

43.0549, 0.2803, 0.2166

Protanopia

43.4030, 0.2389, 0.2294

Deuteranopia

43.3773, 0.2411, 0.2354



Tritanopia

42.9385, 0.3301, 0.3126

Trichromacy



Original Color

43.0549, 0.2803, 0.2166



Protanomaly

42.7882, 0.2523, 0.2235



Deuteranomaly

42.8468, 0.2535, 0.2273

Tritanomaly

42.5513, 0.3108, 0.2734

Monochromacy



Original Color

43.0549, 0.2803, 0.2166



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.9573, 0.3010, 0.2819

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0549, 0.2803, 0.2166 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(210, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 151, 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(210, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 151, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.0549, 0.2803, 0.2166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

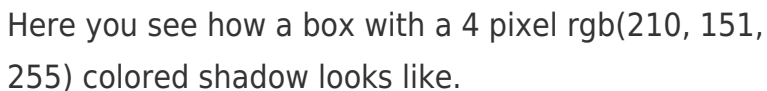
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 151, 255) }
```

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

```
.border{ border-color:rgb(210, 151, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 151, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 151, 255); box-shadow:4px 4px 4px 4px rgb(210, 151, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0549, 0.2803, 0.2166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 151, 255) }
```

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

```
.background{ background-color: rgb(210,  
151, 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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