

Converting Colors

$Y_{xy}(41.6022, 0.2882, 0.2097)$

Have a look what the booklet for
Yxy(41.6022, 0.2882, 0.2097)
contains.

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Color

Yxy(41.4854, 0.2881, 0.2093)

Conversions

Conversions Part 1

Format	Color
Hex	DC8DFF
RGB	220, 141, 255
RGB Percent	86%, 55%, 100%
CMY	0.1370, 0.4472, 0.0000
CMYK	0.14, 0.45, 0.00, 0.00
HSL	282°, 100%, 78%
HSV	282°, 45%, 100%
XYZ	57.1044, 41.4854, 99.6205
YIQ	177.6170, 10.4900, 52.2020

Conversions

Conversions Part 2

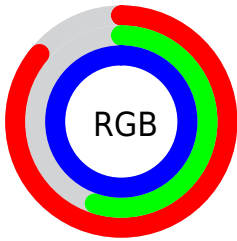
Format	Color
R _Y B	220, 141, 255
Decimal	14454271
CIE Lab	70.51, 49.00, -45.00
CIE LCh	71, 66.523, 317.436
Yxy	41.4854, 0.2881, 0.2093
Android (android.graphics.Color)	4292644351 (0xFFDC8DFF)
YUV	177.6170, 38.1498, 37.1699
Hunter-Lab	64.4092, 45.5399, -46.6163

Details

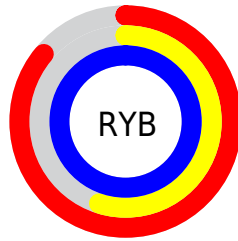
The Yxy color **41.4854, 0.2881, 0.2093** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **82.6626, 0.3262, 0.4613**, and the grayscale version is **44.0986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9599, 0.3154, 0.2712**, and **18.8432, 0.2790, 0.1826** is the 20% darker color. If you saturate the color by 10%, you get **33.6224, 0.2805, 0.1833**, and if you desaturate by 10%, it is **51.1373, 0.2951, 0.2368**.

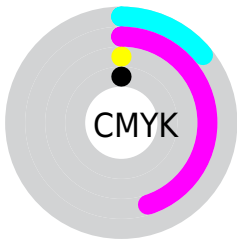
Distribution



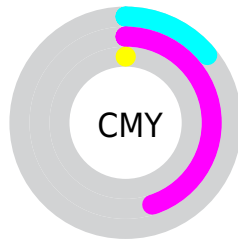
- Red (86%)
- Green (55%)
- Blue (100%)



- Red (86%)
- Yellow (55%)
- Blue (100%)



- Cyan (14%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)




- Cyan (14%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4854, 0.2881, 0.2093 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 41.4854, 0.2881, 0.2093 by changing the saturation by 10% instead.


 41.4854, 0.2881,
0.2093


 41.4854, 0.2881,
0.2093

352.3453, 0.3022,
0.2637

 28.6986, 0.2843,
0.1974

 77.4202, 0.2935,
0.2278

 18.8529, 0.2792,
0.1830


 101.3370, 0.2955,
0.2351

 11.5640, 0.2723,
0.1653


129.7325, 0.2971,
0.2415

 6.4476, 0.2626,
0.1434

162.9911, 0.2984,
0.2470

 3.1191, 0.2483,
0.1158

201.4974, 0.2996,
0.2519

 1.1942, 0.2257,
0.0814

245.6355, 0.3006,

 0.0570, 0.1948,

0.2563

0.0084

295.7900, 0.3014,
0.2602

0.0000, 0.0756,
0.0000

0.0000, 0.0000,
0.0000

41.4854, 0.2881,
0.2093

41.4854, 0.2881,
0.2093

33.6224, 0.2805,
0.1833

51.1373, 0.2951,
0.2368

27.4254, 0.2723,
0.1598

62.6861, 0.3012,
0.2645

22.7583, 0.2639,
0.1402

76.2332, 0.3064,
0.2916

19.4622, 0.2555,
0.1252

91.8722, 0.3109,
0.3174

■ 17.3418, 0.2474,
0.1152

100.0000, 0.3127,
0.3290

■ 16.5500, 0.2433,
0.1114

Harmonies

Analogous

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



41.4854, 0.2110, 0.1899



41.4854, 0.2881, 0.2093



41.4854, 0.3869, 0.2515

Triad

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



41.4854, 0.2881, 0.2093



41.4854, 0.4711, 0.4422



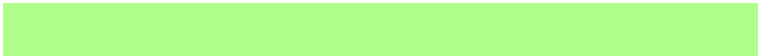
41.4854, 0.1735, 0.3196

Complementary

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



41.4854, 0.2881, 0.2093



82.6626, 0.3262, 0.4613

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.



41.4854, 0.2291, 0.4279



41.4854, 0.2881, 0.2093



41.4854, 0.4005, 0.4969

Square

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



41.4854, 0.2881, 0.2093



41.4854, 0.5015, 0.3749



41.4854, 0.3124, 0.5016



41.4854, 0.1539, 0.2381

Rectangle

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



41.4854, 0.2881, 0.2093



41.4854, 0.4477, 0.2890



41.4854, 0.3124, 0.5016



41.4854, 0.1881, 0.3548

Sweetspot

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



41.4859, 0.2881, 0.2093



78.7668, 0.3073, 0.2961



44.3566, 0.2357, 0.2335



16.1645, 0.3062, 0.2903



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.



41.4859, 0.2881, 0.2093



34.1290, 0.2810, 0.1851



46.2476, 0.3361, 0.2369



18.0047, 0.3089, 0.3052



8.7300, 0.2445, 0.1121



0.9075, 0.2534, 0.1170

Inverse Universe

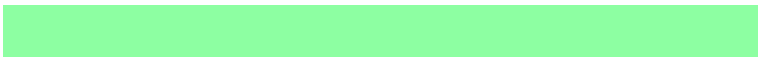
The Inverse Universe completely reimagines the original color for something new.



43.4329, 0.3949, 0.2928



36.5732, 0.4222, 0.2863



79.7846, 0.2962, 0.4439



18.0787, 0.3246, 0.3217



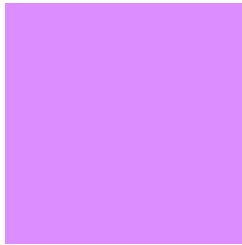
11.4205, 0.5746, 0.2939



1.1305, 0.5425, 0.2762

Previews

White Background



This preview shows how the Yxy color 41.4854, 0.2881, 0.2093 looks on a white background.

Color Contrast Check

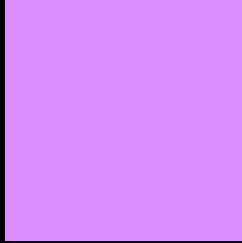
Large Text (above 18pt) WCAG AA × Fail

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 41.4854, 0.2881, 0.2093 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 41.4854, 0.2881, 0.2093

Background



This preview shows how black text looks on a background with the Yxy color 41.4854, 0.2881, 0.2093.



This preview shows how white text looks on a background with the Yxy color 41.4854, 0.2881, 0.2093.

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

41.4854, 0.2881, 0.2093

Protanopia

41.8091, 0.2353, 0.2249

Deuteranopia

41.7162, 0.2379, 0.2318



Tritanopia

41.5301, 0.3482, 0.3142

Trichromacy



Original Color

41.4854, 0.2881, 0.2093



Protanomaly

40.6742, 0.2514, 0.2165



Deuteranomaly

40.6527, 0.2532, 0.2211

Tritanomaly

41.0438, 0.3249, 0.2710

Monochromacy



Original Color

41.4854, 0.2881, 0.2093



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

42.7040, 0.3036, 0.2783

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4854, 0.2881, 0.2093 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(220, 141, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 141, 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(220, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 141, 255) }
```

Border

The CSS property to change the border of an element to Yxy 41.4854, 0.2881, 0.2093 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(220, 141, 255) }
```

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

```
.border{ border-color:rgb(220, 141, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 141, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 141, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 141, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 141,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4854, 0.2881, 0.2093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 141, 255) }
```

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

```
.background{ background-color: rgb(220,  
141, 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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