

Converting Colors

Yxy(53.4795, 0.2805, 0.2334)

Have a look what the booklet for
Yxy(53.4795, 0.2805, 0.2334)
contains.

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Color

Yxy(52.9400, 0.2884, 0.2439)

Conversions

Conversions Part 1

Format	Color
Hex	DBAFFF
RGB	219, 175, 255
RGB Percent	86%, 69%, 100%
CMY	0.1410, 0.3138, 0.0000
CMYK	0.14, 0.31, 0.00, 0.00
HSL	273°, 100%, 84%
HSV	273°, 31%, 100%
XYZ	62.5990, 52.9400, 101.5172
YIQ	197.2760, 0.5440, 34.2080

Conversions

Conversions Part 2

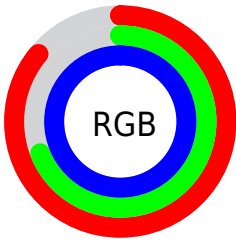
Format	Color
R _Y B	219, 175, 255
Decimal	14397439
CIE Lab	77.84, 30.54, -33.59
CIE LCh	78, 45.401, 312.278
Yxy	52.9400, 0.2884, 0.2439
Android (android.graphics.Color)	4292587519 (0xFFDBAFFF)
YUV	197.2760, 28.4579, 19.0519
Hunter-Lab	72.7599, 26.2428, -31.7916

Details

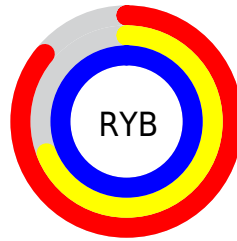
The Yxy color **52.9400, 0.2884, 0.2439** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **88.4496, 0.3307, 0.4158**, and the grayscale version is **55.8375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **25.7828, 0.2811, 0.2247** is the 20% darker color. If you saturate the color by 10%, you get **42.2192, 0.2782, 0.2145**, and if you desaturate by 10%, it is **65.6615, 0.2974, 0.2727**.

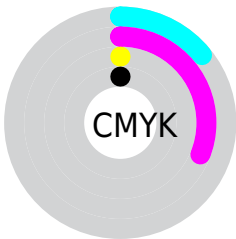
Distribution



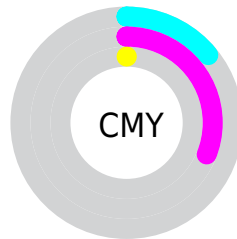
- Red (86%)
- Green (69%)
- Blue (100%)



- Red (86%)
- Yellow (69%)
- Blue (100%)



- Cyan (14%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)




- Cyan (14%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9400, 0.2884, 0.2439 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 52.9400, 0.2884, 0.2439 by changing the saturation by 10% instead.


 52.9400, 0.2884,
0.2439

 52.9400, 0.2884,
0.2439


398.0549, 0.3010,
0.2827

 37.7549, 0.2852,
0.2353


 94.5161, 0.2930,
0.2572

 25.7925, 0.2812,
0.2248


121.6758, 0.2947,
0.2624

 16.6685, 0.2759,
0.2117


153.5959, 0.2962,
0.2669

 9.9984, 0.2686,
0.1950

190.6607, 0.2974,
0.2709

 5.3979, 0.2582,
0.1733

233.2546, 0.2985,
0.2743

 2.4826, 0.2422,
0.1441

281.7620, 0.2994,

 0.8679, 0.2159,

0.2774

0.1041

336.5673, 0.3002,
0.2802

0.0000, 0.1672,
0.0000

0.0000, 0.0000,
0.0000

52.9400, 0.2884,
0.2439

52.9400, 0.2884,
0.2439

42.2192, 0.2782,
0.2145

65.6615, 0.2974,
0.2727

33.3844, 0.2670,
0.1855

80.4769, 0.3052,
0.3001

26.3190, 0.2551,
0.1584

97.4816, 0.3119,
0.3257

20.8901, 0.2429,
0.1346

99.9993, 0.3127,
0.3290

■ 16.9456, 0.2309,
0.1153

■ 14.3027, 0.2196,
0.1014

■ 12.8279, 0.2107,
0.0934

Harmonies

Analogous

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



52.9400, 0.2388, 0.2340



52.9400, 0.2884, 0.2439



52.9400, 0.3502, 0.2716

Triad

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



52.9400, 0.2884, 0.2439



52.9400, 0.4240, 0.4033



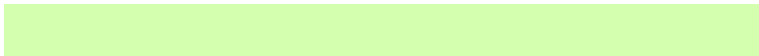
52.9400, 0.2261, 0.3371

Complementary

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



52.9400, 0.2884, 0.2439



88.4496, 0.3307, 0.4158

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.



52.9400, 0.2697, 0.3984



52.9400, 0.2884, 0.2439



52.9400, 0.3843, 0.4347

Square

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



52.9400, 0.2884, 0.2439



52.9400, 0.4330, 0.3586



52.9400, 0.3276, 0.4362



52.9400, 0.2057, 0.2807

Rectangle

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



52.9400, 0.2884, 0.2439



52.9400, 0.3891, 0.2976



52.9400, 0.3276, 0.4362



52.9400, 0.2383, 0.3583

Sweetspot

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



52.9422, 0.2884, 0.2439



84.3172, 0.3069, 0.3064



62.9170, 0.2616, 0.2789



17.5410, 0.3059, 0.3026



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.



52.9422, 0.2884, 0.2439



45.6228, 0.2818, 0.2244



58.8799, 0.3194, 0.2543



17.8707, 0.3066, 0.3051



6.7934, 0.2123, 0.0943



0.7263, 0.2240, 0.1007

Inverse Universe

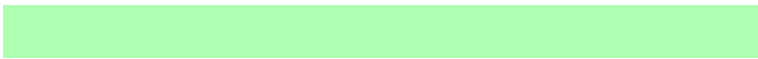
The Inverse Universe completely reimagines the original color for something new.



56.6161, 0.3524, 0.2921



49.9957, 0.3642, 0.2840



83.8810, 0.3063, 0.4172



18.1228, 0.3223, 0.3184



11.7801, 0.5179, 0.2626



1.1686, 0.4898, 0.2472

Previews

White Background



This preview shows how the Yxy color 52.9400, 0.2884, 0.2439 looks on a white background.

Color Contrast Check

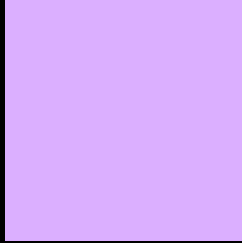
Large Text (above 18pt) WCAG AA × Fail

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 52.9400, 0.2884, 0.2439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

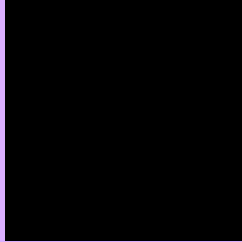
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9400, 0.2884, 0.2439

Background



This preview shows how black text looks on a background with the Yxy color 52.9400, 0.2884, 0.2439.



This preview shows how white text looks on a background with the Yxy color 52.9400, 0.2884, 0.2439.

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

52.9400, 0.2884, 0.2439

Protanopia

53.0456, 0.2580, 0.2538

Deuteranopia

53.0072, 0.2628, 0.2563



Tritanopia

52.9896, 0.3218, 0.3125

Trichromacy



Original Color

52.9400, 0.2884, 0.2439



Protanomaly

52.8651, 0.2680, 0.2502



Deuteranomaly

52.8422, 0.2719, 0.2515

Tritanomaly

52.7693, 0.3090, 0.2856

Monochromacy



Original Color

52.9400, 0.2884, 0.2439



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.4363, 0.3039, 0.2953

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9400, 0.2884, 0.2439 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, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 175, 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(219, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 175, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.9400, 0.2884, 0.2439 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, 175, 255) }
```

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

```
.border{ border-color:rgb(219, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 175,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9400, 0.2884, 0.2439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 175, 255) }
```

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

```
.background{ background-color: rgb(219,  
175, 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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