

Converting Colors

Yxy(57.4026, 0.2538, 0.1965)

Have a look what the booklet for
Yxy(57.4026, 0.2538, 0.1965)
contains.

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Color

Yxy(52.8643, 0.2899, 0.2432)

Conversions

Conversions Part 1

Format	Color
Hex	DDAEFF
RGB	221, 174, 255
RGB Percent	87%, 68%, 100%
CMY	0.1331, 0.3177, 0.0000
CMYK	0.13, 0.32, 0.00, 0.00
HSL	275°, 100%, 84%
HSV	275°, 32%, 100%
XYZ	63.0155, 52.8643, 101.4899
YIQ	197.2870, 2.0110, 35.1550

Conversions

Conversions Part 2

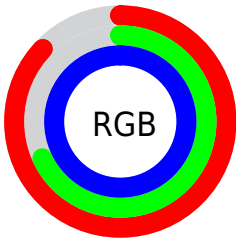
Format	Color
R _Y B	221, 174, 255
Decimal	14528255
CIE Lab	77.79, 31.70, -33.65
CIE LCh	78, 46.230, 313.288
Yxy	52.8643, 0.2899, 0.2432
Android (android.graphics.Color)	4292718335 (0xFFDDAEFF)
YUV	197.2870, 28.4525, 20.7963
Hunter-Lab	72.7078, 27.4662, -31.8650

Details

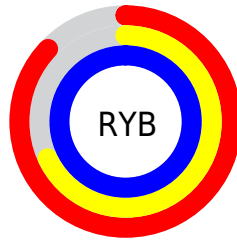
The Yxy color **52.8643, 0.2899, 0.2432** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **87.9761, 0.3293, 0.4175**, and the grayscale version is **55.8444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **25.7513, 0.2831, 0.2240** is the 20% darker color. If you saturate the color by 10%, you get **42.3075, 0.2804, 0.2142**, and if you desaturate by 10%, it is **65.4023, 0.2983, 0.2718**.

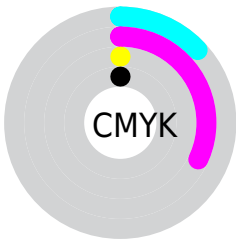
Distribution



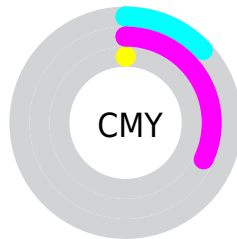
- Red (87%)
- Green (68%)
- Blue (100%)



- Red (87%)
- Yellow (68%)
- Blue (100%)



- Cyan (13%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8643, 0.2899, 0.2432 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 52.8643, 0.2899, 0.2432 by changing the saturation by 10% instead.

 52.8643, 0.2899,
0.2432

 52.8643, 0.2899,
0.2432


397.7643, 0.3018,
0.2822

 37.6945, 0.2869,
0.2345


 94.4047, 0.2943,
0.2566

 25.7456, 0.2830,
0.2239


121.5440, 0.2959,
0.2618

 16.6334, 0.2780,
0.2108


153.4419, 0.2973,
0.2664

 9.9735, 0.2710,
0.1941

190.4828, 0.2984,
0.2703

 5.3814, 0.2609,
0.1723

233.0511, 0.2994,
0.2738

 2.4727, 0.2454,
0.1431

281.5312, 0.3003,

 0.8629, 0.2198,

0.2770

0.1031

336.3074, 0.3011,
0.2797

0.0000, 0.1736,
0.0000

0.0000, 0.0000,
0.0000

52.8643, 0.2899,
0.2432

52.8643, 0.2899,
0.2432

42.3075, 0.2804,
0.2142

65.4023, 0.2983,
0.2718

33.6173, 0.2700,
0.1857

80.0147, 0.3056,
0.2991

26.6770, 0.2588,
0.1593

96.7964, 0.3117,
0.3247

21.3539, 0.2474,
0.1362

100.0000, 0.3127,
0.3290

■ 17.4951, 0.2361,
0.1176

■ 14.9171, 0.2254,
0.1044

■ 13.5287, 0.2172,
0.0970

Harmonies

Analogous

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



52.8643, 0.2389, 0.2325



52.8643, 0.2899, 0.2432



52.8643, 0.3529, 0.2719

Triad

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



52.8643, 0.2899, 0.2432



52.8643, 0.4250, 0.4058



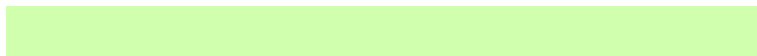
52.8643, 0.2235, 0.3350

Complementary

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



52.8643, 0.2899, 0.2432



87.9761, 0.3293, 0.4175

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.



52.8643, 0.2671, 0.3979



52.8643, 0.2899, 0.2432



52.8643, 0.3837, 0.4373

Square

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



52.8643, 0.2899, 0.2432



52.8643, 0.4355, 0.3605



52.8643, 0.3256, 0.4377



52.8643, 0.2037, 0.2782

Rectangle

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



52.8643, 0.2899, 0.2432



52.8643, 0.3923, 0.2984



52.8643, 0.3256, 0.4377



52.8643, 0.2356, 0.3566

Sweetspot

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



52.8665, 0.2899, 0.2432



82.8250, 0.3067, 0.3038



61.8630, 0.2608, 0.2766



17.2492, 0.3058, 0.3001



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.



52.8665, 0.2899, 0.2432



46.0631, 0.2841, 0.2251



58.4035, 0.3206, 0.2545



17.8989, 0.3070, 0.3051



7.1588, 0.2188, 0.0979



0.7613, 0.2300, 0.1041

Inverse Universe

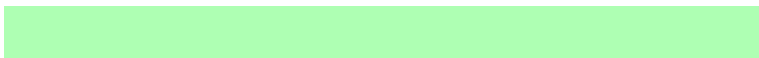
The Inverse Universe completely reimagines the original color for something new.



56.0775, 0.3552, 0.2940



49.8578, 0.3670, 0.2870



83.7874, 0.3055, 0.4169



18.1134, 0.3228, 0.3191



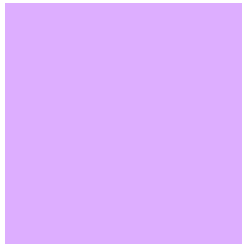
11.6902, 0.5306, 0.2696



1.1594, 0.5012, 0.2534

Previews

White Background



This preview shows how the Yxy color 52.8643, 0.2899, 0.2432 looks on a white background.

Color Contrast Check

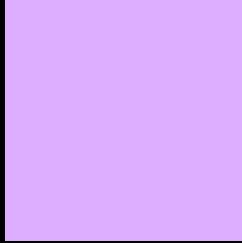
Large Text (above 18pt) WCAG AA × Fail

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 52.8643, 0.2899, 0.2432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

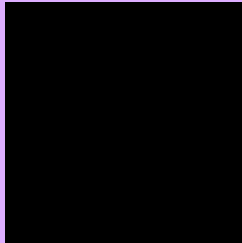
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8643, 0.2899, 0.2432

Background



This preview shows how black text looks on a background with the Yxy color 52.8643, 0.2899, 0.2432.



This preview shows how white text looks on a background with the Yxy color 52.8643, 0.2899, 0.2432.

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

52.8643, 0.2899, 0.2432

Protanopia

53.0456, 0.2580, 0.2538

Deuteranopia

53.0072, 0.2628, 0.2563



Tritanopia

52.8185, 0.3244, 0.3126

Trichromacy



Original Color

52.8643, 0.2899, 0.2432



Protanomaly

52.5773, 0.2686, 0.2492



Deuteranomaly

52.8422, 0.2719, 0.2515

Tritanomaly

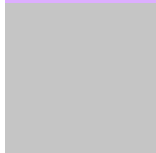
52.6093, 0.3114, 0.2858

Monochromacy



Original Color

52.8643, 0.2899, 0.2432



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.5790, 0.3047, 0.2954

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8643, 0.2899, 0.2432 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(221, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 174, 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(221, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 174, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.8643, 0.2899, 0.2432 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(221, 174, 255) }
```

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

```
.border{ border-color:rgb(221, 174, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 174, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 174,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8643, 0.2899, 0.2432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 174, 255) }
```

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

```
.background{ background-color: rgb(221,  
174, 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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