

Converting Colors

Yxy(53.2717, 0.2833, 0.2464)

Have a look what the booklet for
Yxy(53.2717, 0.2833, 0.2464)
contains.

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Color

Yxy(53.4572, 0.2833, 0.2469)

Conversions

Conversions Part 1

Format	Color
Hex	D4B3FF
RGB	212, 179, 255
RGB Percent	83%, 70%, 100%
CMY	0.1684, 0.2981, 0.0000
CMYK	0.17, 0.30, 0.00, 0.00
HSL	266°, 100%, 85%
HSV	266°, 30%, 100%
XYZ	61.3383, 53.4572, 101.7181
YIQ	197.5310, -4.7280, 30.6320

Conversions

Conversions Part 2

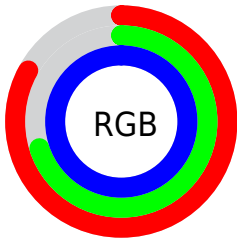
Format	Color
R _Y B	212, 179, 255
Decimal	13939711
CIE Lab	78.14, 26.29, -33.20
CIE LCh	78, 42.345, 308.378
Yxy	53.4572, 0.2833, 0.2469
Android (android.graphics.Color)	4292129791 (0xFFD4B3FF)
YUV	197.5310, 28.3322, 12.6893
Hunter-Lab	73.1144, 21.7997, -31.3052

Details

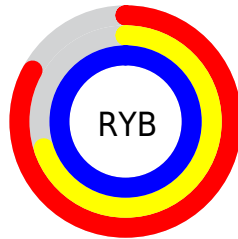
The Yxy color **53.4572, 0.2833, 0.2469** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **90.2897, 0.3356, 0.4096**, and the grayscale version is **56.0027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **26.0668, 0.2746, 0.2282** is the 20% darker color. If you saturate the color by 10%, you get **42.1187, 0.2706, 0.2162**, and if you desaturate by 10%, it is **66.8769, 0.2946, 0.2765**.

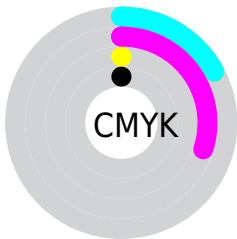
Distribution



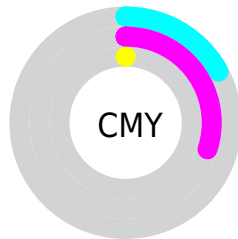
- Red (83%)
- Green (70%)
- Blue (100%)



- Red (83%)
- Yellow (70%)
- Blue (100%)



- Cyan (17%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4572, 0.2833, 0.2469 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 53.4572, 0.2833, 0.2469 by changing the saturation by 10% instead.


 53.4572, 0.2833,
0.2469

 53.4572, 0.2833,
0.2469


400.0368, 0.2981,
0.2845

 38.1679, 0.2796,
0.2385


 95.2768, 0.2887,
0.2598

 26.1130, 0.2750,
0.2282


122.5759, 0.2907,
0.2649

 16.9082, 0.2689,
0.2155


154.6469, 0.2924,
0.2692

 10.1691, 0.2607,
0.1991

191.8745, 0.2939,
0.2731

 5.5112, 0.2491,
0.1777

234.6428, 0.2952,
0.2764

 2.5502, 0.2316,
0.1488

283.3364, 0.2963,

 0.9017, 0.2032,

0.2794

0.1088

338.3396, 0.2973,
0.2821

0.0000, 0.1466,
0.0000

0.0000, 0.0000,
0.0000

53.4572, 0.2833,
0.2469

53.4572, 0.2833,
0.2469

42.1187, 0.2706,
0.2162

66.8769, 0.2946,
0.2765

32.7515, 0.2568,
0.1854

82.4782, 0.3044,
0.3041

25.2360, 0.2421,
0.1559

100.0000, 0.3127,
0.3290

19.4393, 0.2273,
0.1295

■ 15.2096, 0.2130,
0.1077

■ 12.3669, 0.1999,
0.0917

■ 10.6261, 0.1886,
0.0813

■ 10.5982, 0.1884,
0.0812

Harmonies

Analogous

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



53.4572, 0.2389, 0.2402



53.4572, 0.2833, 0.2469



53.4572, 0.3402, 0.2711

Triad

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



53.4572, 0.2833, 0.2469



53.4572, 0.4194, 0.3941



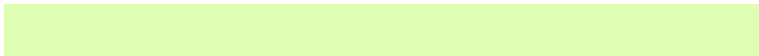
53.4572, 0.2361, 0.3444

Complementary

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



53.4572, 0.2833, 0.2469



90.2897, 0.3356, 0.4096

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.



53.4572, 0.2795, 0.3994



53.4572, 0.2833, 0.2469



53.4572, 0.3859, 0.4251

Square

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



53.4572, 0.2833, 0.2469



53.4572, 0.4231, 0.3516



53.4572, 0.3343, 0.4300



53.4572, 0.2136, 0.2904

Rectangle

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



53.4572, 0.2833, 0.2469



53.4572, 0.3772, 0.2947



53.4572, 0.3343, 0.4300



53.4572, 0.2486, 0.3639

Sweetspot

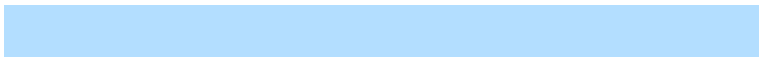
The Sweet Spot groups the original color and five complimentary colors.



53.4574, 0.2833, 0.2469



83.8454, 0.3052, 0.3062



69.0736, 0.2654, 0.2921



17.4249, 0.3038, 0.3024



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.



53.4574, 0.2833, 0.2469



46.2035, 0.2756, 0.2280



59.7623, 0.3123, 0.2537



17.7644, 0.3047, 0.3049



5.6223, 0.1901, 0.0821



0.6106, 0.2027, 0.0890

Inverse Universe

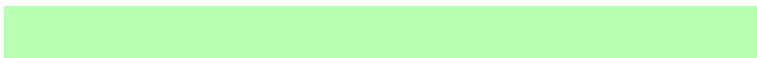
The Inverse Universe completely reimagines the original color for something new.



58.7602, 0.3424, 0.2853



52.4342, 0.3507, 0.2760



84.9697, 0.3116, 0.4159



18.1590, 0.3205, 0.3157



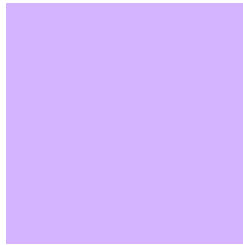
12.1918, 0.4690, 0.2358



1.2090, 0.4474, 0.2238

Previews

White Background



This preview shows how the Yxy color 53.4572, 0.2833, 0.2469 looks on a white background.

Color Contrast Check

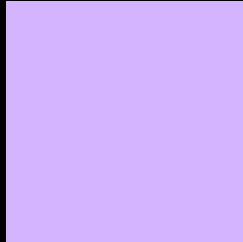
Large Text (above 18pt) WCAG AA × Fail

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 53.4572, 0.2833, 0.2469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

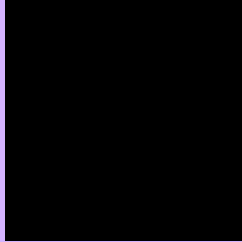
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.4572, 0.2833, 0.2469

Background



This preview shows how black text looks on a background with the Yxy color 53.4572, 0.2833, 0.2469.



This preview shows how white text looks on a background with the Yxy color 53.4572, 0.2833, 0.2469.

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

53.4572, 0.2833, 0.2469

Protanopia

53.5956, 0.2588, 0.2552

Deuteranopia

53.6221, 0.2630, 0.2566



Tritanopia

53.4513, 0.3127, 0.3111

Trichromacy



Original Color

53.4572, 0.2833, 0.2469

Protanomaly

53.4520, 0.2668, 0.2522

Deuteranomaly

53.4800, 0.2701, 0.2526

Tritanomaly

53.1474, 0.3011, 0.2852

Monochromacy



Original Color

53.4572, 0.2833, 0.2469

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.0726, 0.3016, 0.2964

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4572, 0.2833, 0.2469 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(212, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 179, 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(212, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 179, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.4572, 0.2833, 0.2469 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(212, 179, 255) }
```

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

```
.border{ border-color:rgb(212, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 179,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4572, 0.2833, 0.2469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 179, 255) }
```

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

```
.background{ background-color: rgb(212,  
179, 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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