

Converting Colors

$Y_{xy}(53.3156, 0.2939, 0.2432)$

Have a look what the booklet for
Yxy(53.3156, 0.2939, 0.2432)
contains.

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Color

Yxy(53.2759, 0.2937, 0.2431)

Conversions

Conversions Part 1

Format	Color
Hex	E2ADFF
RGB	226, 173, 255
RGB Percent	89%, 68%, 100%
CMY	0.1136, 0.3216, 0.0000
CMYK	0.11, 0.32, 0.00, 0.00
HSL	279°, 100%, 84%
HSV	279°, 32%, 100%
XYZ	64.3650, 53.2759, 101.5113
YIQ	198.1950, 5.2660, 36.7380

Conversions

Conversions Part 2

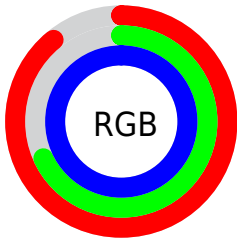
Format	Color
R _Y B	226, 173, 255
Decimal	14855679
CIE Lab	78.04, 33.74, -33.25
CIE LCh	78, 47.370, 315.424
Yxy	53.2759, 0.2937, 0.2431
Android (android.graphics.Color)	4293045759 (0xFFE2ADFF)
YUV	198.1950, 28.0049, 24.3850
Hunter-Lab	72.9903, 29.6734, -31.3643

Details

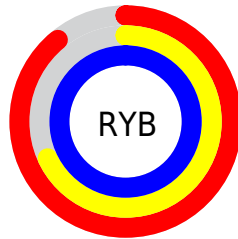
The Yxy color **53.2759, 0.2937, 0.2431** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **87.0887, 0.3260, 0.4197**, and the grayscale version is **56.4221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **26.0562, 0.2881, 0.2242** is the 20% darker color. If you saturate the color by 10%, you get **42.9951, 0.2858, 0.2149**, and if you desaturate by 10%, it is **65.5018, 0.3007, 0.2712**.

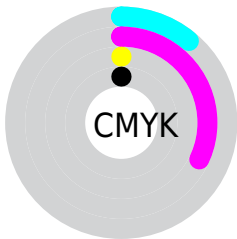
Distribution



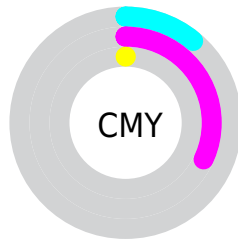
- Red (89%)
- Green (68%)
- Blue (100%)



- Red (89%)
- Yellow (68%)
- Blue (100%)



- Cyan (11%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2759, 0.2937, 0.2431 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 53.2759, 0.2937, 0.2431 by changing the saturation by 10% instead.

 53.2759, 0.2937,
0.2431

 53.2759, 0.2937,
0.2431


399.3427, 0.3038,
0.2821

 38.0231, 0.2911,
0.2345


 95.0102, 0.2974,
0.2564

 26.0006, 0.2878,
0.2239


122.2605, 0.2988,
0.2617

 16.8241, 0.2833,
0.2109


154.2787, 0.3000,
0.2662

 10.1091, 0.2772,
0.1943

191.4493, 0.3010,
0.2702

 5.4714, 0.2682,
0.1727

234.1566, 0.3018,
0.2737

 2.5264, 0.2543,
0.1438

282.7850, 0.3026,

 0.8898, 0.2310,

0.2768

0.1043

337.7189, 0.3032,
0.2796

■ 0.0000, 0.1930,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.2759, 0.2937,
0.2431

■ 53.2759, 0.2937,
0.2431

■ 42.9951, 0.2858,
0.2149

■ 65.5018, 0.3007,
0.2712

■ 34.5481, 0.2771,
0.1876

■ 79.7683, 0.3067,
0.2982

■ 27.8176, 0.2677,
0.1625

■ 96.1689, 0.3117,
0.3237

■ 22.6711, 0.2580,
0.1408

■ 100.0000, 0.3127,
0.3290

■ 18.9557, 0.2483,
0.1237

■ 16.4872, 0.2390,
0.1116

■ 15.2092, 0.2321,
0.1052

Harmonies

Analogous

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



53.2759, 0.2404, 0.2307



53.2759, 0.2937, 0.2431



53.2759, 0.3584, 0.2734

Triad

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



53.2759, 0.2937, 0.2431



53.2759, 0.4252, 0.4101



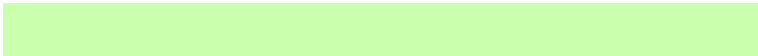
53.2759, 0.2194, 0.3304

Complementary

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



53.2759, 0.2937, 0.2431



87.0887, 0.3260, 0.4197

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.



53.2759, 0.2622, 0.3954



53.2759, 0.2937, 0.2431



53.2759, 0.3812, 0.4409

Square

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



53.2759, 0.2937, 0.2431



53.2759, 0.4387, 0.3643



53.2759, 0.3213, 0.4387



53.2759, 0.2012, 0.2736

Rectangle

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



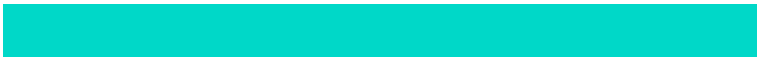
53.2759, 0.2937, 0.2431



53.2759, 0.3979, 0.3009



53.2759, 0.3213, 0.4387



53.2759, 0.2311, 0.3524

Sweetspot

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



53.2771, 0.2937, 0.2431



83.1268, 0.3078, 0.3039



58.8444, 0.2593, 0.2693



17.3224, 0.3071, 0.3002



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.



53.2771, 0.2937, 0.2431



46.0405, 0.2884, 0.2238



57.6798, 0.3250, 0.2585



17.9605, 0.3081, 0.3052



8.0338, 0.2335, 0.1060



0.8434, 0.2435, 0.1115

Inverse Universe

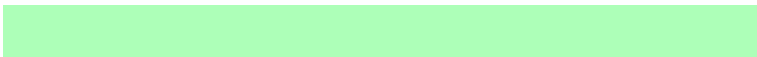
The Inverse Universe completely reimagines the original color for something new.



55.4069, 0.3608, 0.2991



48.6340, 0.3754, 0.2925



83.8610, 0.3025, 0.4116



18.0931, 0.3238, 0.3206



11.5209, 0.5570, 0.2842



1.1416, 0.5256, 0.2669

Previews

White Background



This preview shows how the Yxy color 53.2759, 0.2937, 0.2431 looks on a white background.

Color Contrast Check

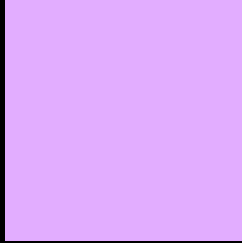
Large Text (above 18pt) WCAG AA × Fail

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 53.2759, 0.2937, 0.2431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

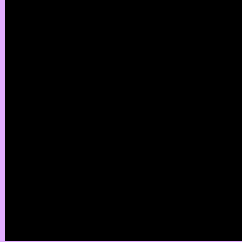
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2759, 0.2937, 0.2431

Background



This preview shows how black text looks on a background with the Yxy color 53.2759, 0.2937, 0.2431.



This preview shows how white text looks on a background with the Yxy color 53.2759, 0.2937, 0.2431.

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

53.2759, 0.2937, 0.2431

Protanopia

53.5956, 0.2588, 0.2552

Deuteranopia

53.5585, 0.2636, 0.2576



Tritanopia

53.1562, 0.3287, 0.3117

Trichromacy



Original Color

53.2759, 0.2937, 0.2431



Protanomaly

52.9703, 0.2707, 0.2496



Deuteranomaly

53.2431, 0.2740, 0.2520

Tritanomaly

52.9726, 0.3156, 0.2852

Monochromacy



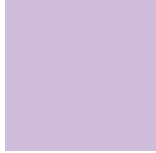
Original Color

53.2759, 0.2937, 0.2431



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.9196, 0.3056, 0.2944

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2759, 0.2937, 0.2431 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(226, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 173, 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(226, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 173, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.2759, 0.2937, 0.2431 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(226, 173, 255) }
```

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

```
.border{ border-color:rgb(226, 173, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 173,  
255) }
```


Background

The CSS property to change the background color of an element to `rgb(53.2759, 0.2937, 0.2431)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 173, 255) }
```

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

```
.background{ background-color: rgb(226,  
173, 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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