

Converting Colors

Yxy(56.6813, 0.2667, 0.2057)

Have a look what the booklet for
Yxy(56.6813, 0.2667, 0.2057)
contains.

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Color

Yxy(53.3831, 0.2960, 0.2427)

Conversions

Conversions Part 1

Format	Color
Hex	E5ACFF
RGB	229, 172, 255
RGB Percent	90%, 67%, 100%
CMY	0.1021, 0.3254, 0.0001
CMYK	0.10, 0.33, 0.00, 0.00
HSL	281°, 100%, 84%
HSV	281°, 33%, 100%
XYZ	65.1067, 53.3831, 101.4653
YIQ	198.5050, 7.3290, 37.8970

Conversions

Conversions Part 2

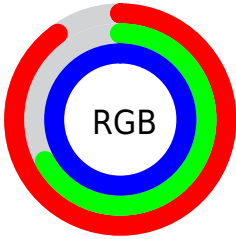
Format	Color
R_{YB}	229, 172, 255
Decimal	15052031
CIE _{Lab}	78.10, 35.15, -33.11
CIE _{LCh}	78, 48.288, 316.714
Yxy	53.3831, 0.2960, 0.2427
Android (android.graphics.Color)	4293242111 (0xFFE5ACFF)
YUV	198.5050, 27.8520, 26.7441
Hunter-Lab	73.0637, 31.1988, -31.1928

Details

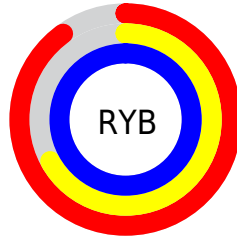
The Yxy color **53.3831, 0.2960, 0.2427** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **86.4984, 0.3240, 0.4215**, and the grayscale version is **56.6197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9668, 0.3139, 0.3029**, and **26.0415, 0.2901, 0.2235** is the 20% darker color. If you saturate the color by 10%, you get **43.3070, 0.2891, 0.2150**, and if you desaturate by 10%, it is **65.3863, 0.3021, 0.2704**.

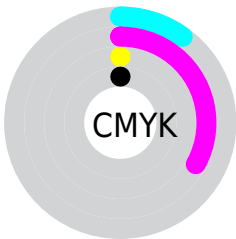
Distribution



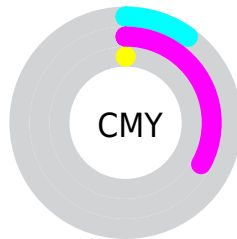
- Red (90%)
- Green (67%)
- Blue (100%)



- Red (90%)
- Yellow (67%)
- Blue (100%)



- Cyan (10%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3831, 0.2960, 0.2427 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 53.3831, 0.2960, 0.2427 by changing the saturation by 10% instead.

53.3831, 0.2960,
0.2427

53.3831, 0.2960,
0.2427

399.7532, 0.3050,
0.2818

38.1087, 0.2936,
0.2341

95.1679, 0.2994,
0.2561

26.0671, 0.2906,
0.2235

122.4470, 0.3006,
0.2613

16.8738, 0.2865,
0.2105

154.4965, 0.3017,
0.2659

10.1446, 0.2809,
0.1939

191.7007, 0.3025,
0.2698

5.4949, 0.2726,
0.1724

234.4441, 0.3033,
0.2734

2.5405, 0.2596,
0.1435

283.1111, 0.3039,

0.8968, 0.2375,

0.2765

0.1042

338.0860, 0.3045,
0.2793

0.0000, 0.2035,
0.0000

0.0000, 0.0000,
0.0000

53.3831, 0.2960,
0.2427

53.3831, 0.2960,
0.2427

43.3070, 0.2891,
0.2150

65.3863, 0.3021,
0.2704

35.0435, 0.2814,
0.1884

79.4088, 0.3073,
0.2973

28.4763, 0.2731,
0.1642

95.5452, 0.3117,
0.3228

23.4727, 0.2645,
0.1435

99.9989, 0.3127,
0.3290

■ 19.8794, 0.2559,
0.1273

■ 17.5108, 0.2475,
0.1161

■ 16.3381, 0.2416,
0.1104

Harmonies

Analogous

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



53.3831, 0.2410, 0.2292



53.3831, 0.2960, 0.2427



53.3831, 0.3620, 0.2741

Triad

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



53.3831, 0.2960, 0.2427



53.3831, 0.4257, 0.4131



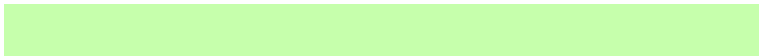
53.3831, 0.2164, 0.3274

Complementary

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



53.3831, 0.2960, 0.2427



86.4984, 0.3240, 0.4215

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.



53.3831, 0.2589, 0.3941



53.3831, 0.2960, 0.2427



53.3831, 0.3798, 0.4436

Square

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



53.3831, 0.2960, 0.2427



53.3831, 0.4412, 0.3668



53.3831, 0.3186, 0.4399



53.3831, 0.1991, 0.2705

Rectangle

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



53.3831, 0.2960, 0.2427



53.3831, 0.4018, 0.3023



53.3831, 0.3186, 0.4399



53.3831, 0.2280, 0.3499

Sweetspot

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



53.3854, 0.2960, 0.2427



83.3109, 0.3085, 0.3039



56.5135, 0.2580, 0.2636



17.3670, 0.3079, 0.3003



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.



53.3854, 0.2960, 0.2427



46.6651, 0.2916, 0.2247



57.0473, 0.3285, 0.2614



17.9980, 0.3087, 0.3052



8.6213, 0.2429, 0.1112



0.8976, 0.2519, 0.1161

Inverse Universe

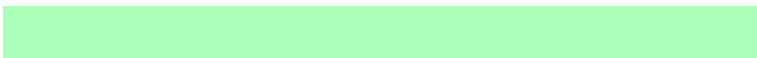
The Inverse Universe completely reimagines the original color for something new.



54.8481, 0.3645, 0.3021



48.4624, 0.3794, 0.2966



83.8800, 0.3002, 0.4077



18.0809, 0.3245, 0.3216



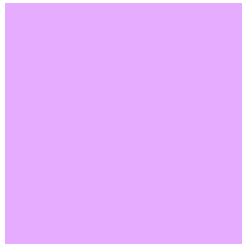
11.4346, 0.5720, 0.2925



1.1321, 0.5400, 0.2749

Previews

White Background



This preview shows how the Yxy color 53.3831, 0.2960, 0.2427 looks on a white background.

Color Contrast Check

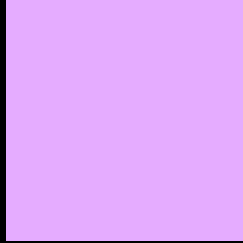
Large Text (above 18pt) WCAG AA × Fail

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 53.3831, 0.2960, 0.2427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

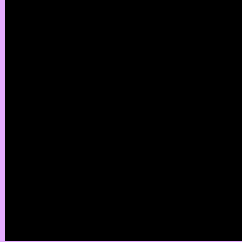
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3831, 0.2960, 0.2427

Background



This preview shows how black text looks on a background with the Yxy color 53.3831, 0.2960, 0.2427.



This preview shows how white text looks on a background with the Yxy color 53.3831, 0.2960, 0.2427.

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

53.3831, 0.2960, 0.2427

Protanopia

53.5956, 0.2588, 0.2552

Deuteranopia

53.6157, 0.2648, 0.2587



Tritanopia

53.1598, 0.3322, 0.3118

Trichromacy



Original Color

53.3831, 0.2960, 0.2427



Protanomaly

53.1031, 0.2714, 0.2498



Deuteranomaly

52.9010, 0.2753, 0.2520

Tritanomaly

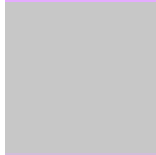
53.0426, 0.3181, 0.2844

Monochromacy



Original Color

53.3831, 0.2960, 0.2427



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.2113, 0.3071, 0.2946

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3831, 0.2960, 0.2427 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(229, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 172, 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(229, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 172, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.3831, 0.2960, 0.2427 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(229, 172, 255) }
```

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

```
.border{ border-color:rgb(229, 172, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 172, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 172, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 172, 255); box-shadow:4px 4px 4px 4px rgb(229, 172, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3831, 0.2960, 0.2427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 172, 255) }
```

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

```
.background{ background-color: rgb(229,  
172, 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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