

Converting Colors

Yxy(60.6191, 0.2171, 0.1369)

Have a look what the booklet for
Yxy(60.6191, 0.2171, 0.1369)
contains.

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Color

Yxy(46.5000, 0.2933, 0.2237)

Conversions

Conversions Part 1

Format	Color
Hex	E29AFF
RGB	226, 154, 255
RGB Percent	89%, 60%, 100%
CMY	0.1138, 0.3960, 0.0000
CMYK	0.11, 0.40, 0.00, 0.00
HSL	283°, 100%, 80%
HSV	283°, 40%, 100%
XYZ	60.9676, 46.5000, 100.4001
YIQ	187.0420, 10.4910, 46.6750

Conversions

Conversions Part 2

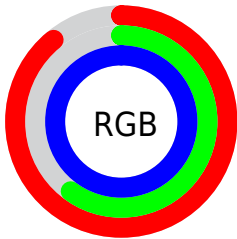
Format	Color
R _Y B	226, 154, 255
Decimal	14850815
CIE Lab	73.87, 43.85, -39.72
CIE LCh	74, 59.161, 317.827
Yxy	46.5000, 0.2933, 0.2237
Android (android.graphics.Color)	4293040895 (0xFFE29AFF)
YUV	187.0420, 33.5033, 34.1662
Hunter-Lab	68.1909, 40.2578, -39.5613

Details

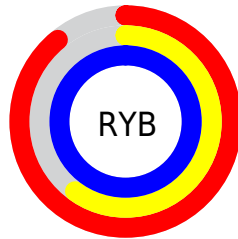
The Yxy color **46.5000, 0.2933, 0.2237** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **83.9255, 0.3241, 0.4450**, and the grayscale version is **49.5209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5732, 0.3148, 0.2851**, and **21.8196, 0.2863, 0.2001** is the 20% darker color. If you saturate the color by 10%, you get **37.7972, 0.2865, 0.1971**, and if you desaturate by 10%, it is **57.0404, 0.2994, 0.2512**.

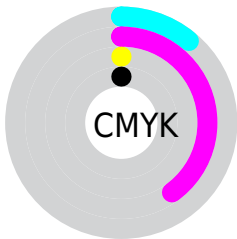
Distribution



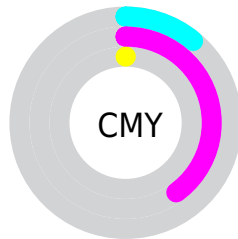
- Red (89%)
- Green (60%)
- Blue (100%)



- Red (89%)
- Yellow (60%)
- Blue (100%)



- Cyan (11%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)




- Cyan (11%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5000, 0.2933, 0.2237 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 46.5000, 0.2933, 0.2237 by changing the saturation by 10% instead.


 46.5000, 0.2933,
0.2237

 46.5000, 0.2933,
0.2237

372.8152, 0.3043,
0.2714

 32.6406, 0.2903,
0.2132


 84.9668, 0.2975,
0.2400

 21.8512, 0.2864,
0.2004


 110.3429, 0.2990,
0.2464

 13.7476, 0.2811,
0.1847


140.3268, 0.3003,
0.2520

 7.9453, 0.2737,
0.1650

175.3027, 0.3013,
0.2568

 4.0600, 0.2626,
0.1397

215.6551, 0.3022,
0.2611

 1.7072, 0.2451,
0.1071

261.7684, 0.3030,

 0.4283, 0.2175,

0.2649

0.0564

314.0270, 0.3037,
0.2684

0.0000, 0.1461,
0.0000

0.0000, 0.0000,
0.0000

46.5000, 0.2933,
0.2237

46.5000, 0.2933,
0.2237

37.7972, 0.2865,
0.1971

57.0404, 0.2994,
0.2512

30.8183, 0.2791,
0.1726

69.5244, 0.3047,
0.2786

25.4350, 0.2714,
0.1512

84.0484, 0.3091,
0.3050

21.5010, 0.2634,
0.1342

100.0000, 0.3127,
0.3290

■ 18.8423, 0.2556,
0.1220

■ 17.1867, 0.2482,
0.1142

■ 17.1294, 0.2479,
0.1139

Harmonies

Analogous

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



46.5000, 0.2248, 0.2062



46.5000, 0.2933, 0.2237



46.5000, 0.3781, 0.2620

Triad

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



46.5000, 0.2933, 0.2237



46.5000, 0.4518, 0.4323



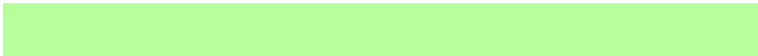
46.5000, 0.1907, 0.3215

Complementary

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



46.5000, 0.2933, 0.2237



83.9255, 0.3241, 0.4450

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.



46.5000, 0.2406, 0.4112



46.5000, 0.2933, 0.2237



46.5000, 0.3913, 0.4753

Square

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



46.5000, 0.2933, 0.2237



46.5000, 0.4762, 0.3738



46.5000, 0.3141, 0.4738



46.5000, 0.1723, 0.2508

Rectangle

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



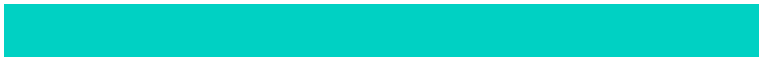
46.5000, 0.2933, 0.2237



46.5000, 0.4294, 0.2960



46.5000, 0.3141, 0.4738



46.5000, 0.2040, 0.3510

Sweetspot

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



46.4996, 0.2933, 0.2237



80.3765, 0.3081, 0.2988



48.5004, 0.2448, 0.2443



16.7865, 0.3076, 0.2954



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.



46.4996, 0.2933, 0.2237



39.0732, 0.2877, 0.2013



50.3619, 0.3343, 0.2484



18.0227, 0.3092, 0.3052



9.0303, 0.2491, 0.1146



0.9349, 0.2575, 0.1192

Inverse Universe

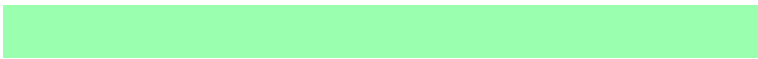
The Inverse Universe completely reimagines the original color for something new.



47.7956, 0.3835, 0.2988



40.7447, 0.4068, 0.2927



81.4554, 0.2970, 0.4263



18.0729, 0.3249, 0.3222



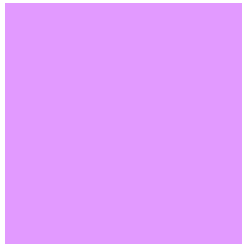
11.3844, 0.5813, 0.2976



1.1264, 0.5493, 0.2799

Previews

White Background



This preview shows how the Yxy color 46.5000, 0.2933, 0.2237 looks on a white background.

Color Contrast Check

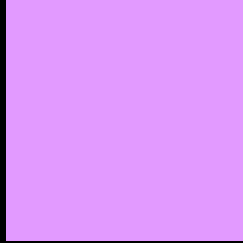
Large Text (above 18pt) WCAG AA × Fail

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 46.5000, 0.2933, 0.2237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

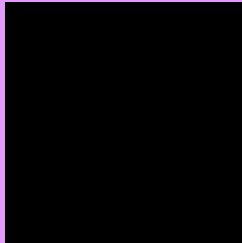
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.5000, 0.2933, 0.2237

Background



This preview shows how black text looks on a background with the Yxy color 46.5000, 0.2933, 0.2237.



This preview shows how white text looks on a background with the Yxy color 46.5000, 0.2933, 0.2237.

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

46.5000, 0.2933, 0.2237

Protanopia

46.7293, 0.2462, 0.2383

Deuteranopia

46.6159, 0.2501, 0.2435



Tritanopia

46.2419, 0.3429, 0.3123

Trichromacy



Original Color

46.5000, 0.2933, 0.2237



Protanomaly

46.0367, 0.2614, 0.2316



Deuteranomaly

45.9681, 0.2639, 0.2346

Tritanomaly

46.2144, 0.3241, 0.2774

Monochromacy



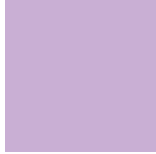
Original Color

46.5000, 0.2933, 0.2237



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

47.8309, 0.3055, 0.2848

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5000, 0.2933, 0.2237 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, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 154, 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, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 154, 255) }
```

Border

The CSS property to change the border of an element to Yxy 46.5000, 0.2933, 0.2237 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, 154, 255) }
```

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

```
.border{ border-color:rgb(226, 154, 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, 154, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 154, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 154, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 154,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5000, 0.2933, 0.2237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 154, 255) }
```

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

```
.background{ background-color: rgb(226,  
154, 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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