

Converting Colors

Yxy(53.0693, 0.3018, 0.2473)

Have a look what the booklet for
Yxy(53.0693, 0.3018, 0.2473)
contains.

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Color

Yxy(52.9543, 0.3019, 0.2474)

Conversions

Conversions Part 1

Format	Color
Hex	E7ABF9
RGB	231, 171, 249
RGB Percent	91%, 67%, 98%
CMY	0.0941, 0.3294, 0.0234
CMYK	0.07, 0.31, 0.00, 0.02
HSL	286°, 87%, 82%
HSV	286°, 31%, 98%
XYZ	64.6197, 52.9543, 96.4693
YIQ	197.8320, 10.7220, 36.9780

Conversions

Conversions Part 2

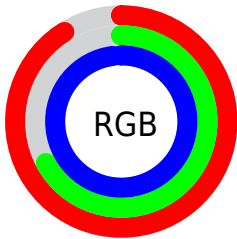
Format	Color
R _Y B	231, 171, 249
Decimal	15182841
CIE Lab	77.85, 35.14, -30.28
CIE LCh	78, 46.387, 319.243
Yxy	52.9543, 0.3019, 0.2474
Android (android.graphics.Color)	4293372921 (0xFFE7ABF9)
YUV	197.8320, 25.2258, 29.0883
Hunter-Lab	72.7697, 31.1614, -27.6607

Details

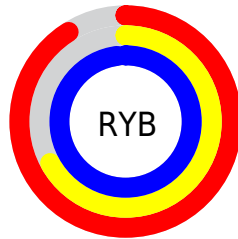
The Yxy color **52.9543, 0.3019, 0.2474** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **81.5410, 0.3195, 0.4187**, and the grayscale version is **56.2055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **25.7613, 0.2979, 0.2294** is the 20% darker color. If you saturate the color by 10%, you get **43.4754, 0.2971, 0.2207**, and if you desaturate by 10%, it is **64.2415, 0.3060, 0.2743**.

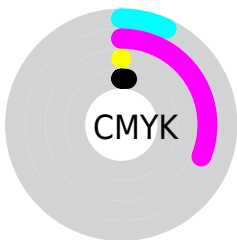
Distribution



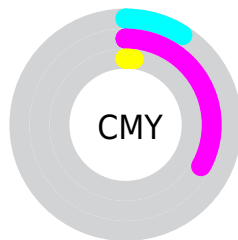
- Red (91%)
- Green (67%)
- Blue (98%)



- Red (91%)
- Yellow (67%)
- Blue (98%)



- Cyan (7%)
- Magenta (31%)
- Yellow (0%)
- Black (2%)




- Cyan (9%)
- Magenta (33%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9543, 0.3019, 0.2474 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 52.9543, 0.3019, 0.2474 by changing the saturation by 10% instead.


 52.9543, 0.3019,
0.2474

 52.9543, 0.3019,
0.2474


398.1098, 0.3081,
0.2846

 37.7663, 0.3002,
0.2391


 94.5371, 0.3043,
0.2601

 25.8013, 0.2980,
0.2290


121.7007, 0.3051,
0.2651

 16.6751, 0.2950,
0.2164


153.6250, 0.3058,
0.2695

 10.0031, 0.2907,
0.2004

190.6943, 0.3064,
0.2732

 5.4010, 0.2843,
0.1793

233.2930, 0.3069,
0.2766

 2.4844, 0.2738,
0.1508

281.8056, 0.3074,

 0.8688, 0.2552,

0.2795

0.1111

336.6163, 0.3077,
0.2822

0.0000, 0.2260,
0.0000

0.0000, 0.0000,
0.0000

52.9543, 0.3019,
0.2474

52.9543, 0.3019,
0.2474

43.4754, 0.2971,
0.2207

64.2415, 0.3060,
0.2743

35.6981, 0.2918,
0.1953

77.4226, 0.3095,
0.3006

29.5145, 0.2859,
0.1723

92.5856, 0.3124,
0.3258

24.8017, 0.2797,
0.1529

99.4384, 0.3156,
0.3347

■ 21.4184, 0.2734,
0.1378

■ 99.6220, 0.3162,
0.3347

■ 19.1948, 0.2672,
0.1274

■ 17.9770, 0.2619,
0.1217

Harmonies

Analogous

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



52.9543, 0.2473, 0.2328



52.9543, 0.3019, 0.2474



52.9543, 0.3655, 0.2791

Triad

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



52.9543, 0.3019, 0.2474



52.9543, 0.4191, 0.4138



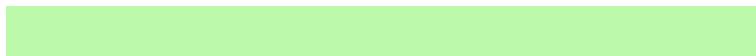
52.9543, 0.2173, 0.3224

Complementary

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



52.9543, 0.3019, 0.2474



81.5410, 0.3195, 0.4187

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.



52.9543, 0.2567, 0.3865



52.9543, 0.3019, 0.2474



52.9543, 0.3731, 0.4407

Square

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



52.9543, 0.3019, 0.2474



52.9543, 0.4367, 0.3700



52.9543, 0.3135, 0.4332



52.9543, 0.2025, 0.2691

Rectangle

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



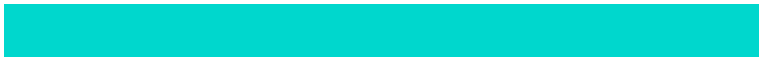
52.9543, 0.3019, 0.2474



52.9543, 0.4026, 0.3071



52.9543, 0.3135, 0.4332



52.9543, 0.2279, 0.3437

Sweetspot

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



52.9566, 0.3019, 0.2474



85.2287, 0.3102, 0.3066



51.9862, 0.2593, 0.2585



17.7661, 0.3098, 0.3029



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.



52.9566, 0.3019, 0.2474



48.9630, 0.2988, 0.2294



54.8878, 0.3331, 0.2702



17.3104, 0.3101, 0.3054



9.6867, 0.2629, 0.1222



0.9446, 0.2701, 0.1262

Inverse Universe

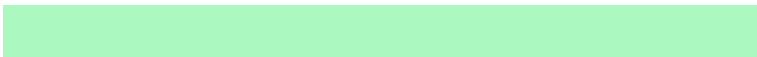
The Inverse Universe completely reimagines the original color for something new.



52.9498, 0.3677, 0.3099



49.0639, 0.3849, 0.3057



80.2313, 0.2972, 0.3962



17.2910, 0.3257, 0.3235



10.9596, 0.5990, 0.3074



1.0306, 0.5664, 0.2894

Previews

White Background



This preview shows how the Yxy color 52.9543, 0.3019, 0.2474 looks on a white background.

Color Contrast Check

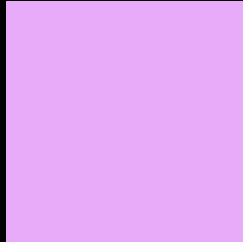
Large Text (above 18pt) WCAG AA × Fail

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 52.9543, 0.3019, 0.2474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

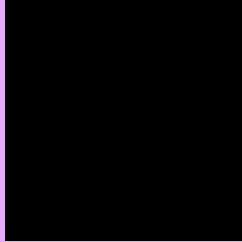
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9543, 0.3019, 0.2474

Background



This preview shows how black text looks on a background with the Yxy color 52.9543, 0.3019, 0.2474.



This preview shows how white text looks on a background with the Yxy color 52.9543, 0.3019, 0.2474.

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

52.9543, 0.3019, 0.2474

Protanopia

53.4803, 0.2582, 0.2550

Deuteranopia

53.2394, 0.2697, 0.2630



Tritanopia

52.7212, 0.3367, 0.3119

Trichromacy



Original Color

52.9543, 0.3019, 0.2474



Protanomaly

52.9749, 0.2726, 0.2517



Deuteranomaly

52.5888, 0.2806, 0.2562



Tritanomaly

52.5193, 0.3240, 0.2867

Monochromacy



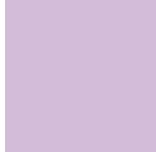
Original Color

52.9543, 0.3019, 0.2474



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.6778, 0.3086, 0.2956

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9543, 0.3019, 0.2474 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(231, 171, 249)` looks like.

```
.text, #text, p{  
    color:rgb(231, 171, 249)  
}
```

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(231, 171, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 171, 249) }
```

Border

The CSS property to change the border of an element to Yxy 52.9543, 0.3019, 0.2474 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(231, 171, 249) }
```

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

```
.border{ border-color:rgb(231, 171, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 171, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 171, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 171, 249);  
box-shadow:4px 4px 4px 4px rgb(231, 171,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9543, 0.3019, 0.2474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 171, 249) }
```

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

```
.background{ background-color: rgb(231,  
171, 249) }
```

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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