

Converting Colors

Yxy(66.0169, 0.2312, 0.1589)

Have a look what the booklet for
Yxy(66.0169, 0.2312, 0.1589)
contains.

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Color

Yxy(54.3872, 0.3007, 0.2439)

Conversions

Conversions Part 1

Format	Color
Hex	EBACFF
RGB	235, 172, 255
RGB Percent	92%, 67%, 100%
CMY	0.0785, 0.3254, 0.0001
CMYK	0.08, 0.33, 0.00, 0.00
HSL	286°, 100%, 84%
HSV	286°, 33%, 100%
XYZ	67.0530, 54.3872, 101.5495
YIQ	200.2990, 10.9050, 39.1690

Conversions

Conversions Part 2

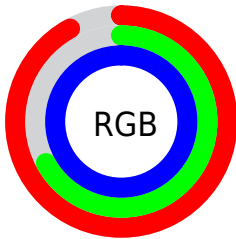
Format	Color
R _Y B	235, 172, 255
Decimal	15445247
CIE Lab	78.69, 36.97, -32.15
CIE LCh	79, 48.997, 318.989
Yxy	54.3872, 0.3007, 0.2439
Android (android.graphics.Color)	4293635327 (0xFFEBACFF)
YUV	200.2990, 26.9676, 30.4328
Hunter-Lab	73.7477, 33.2377, -30.0181

Details

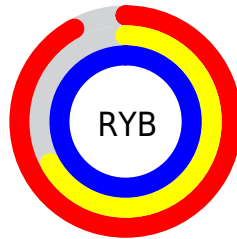
The Yxy color **54.3872, 0.3007, 0.2439** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **85.6931, 0.3202, 0.4226**, and the grayscale version is **57.7790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9668, 0.3139, 0.3029**, and **26.7358, 0.2963, 0.2254** is the 20% darker color. If you saturate the color by 10%, you get **44.5676, 0.2956, 0.2172**, and if you desaturate by 10%, it is **66.1095, 0.3051, 0.2710**.

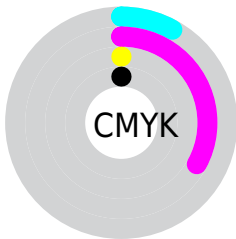
Distribution



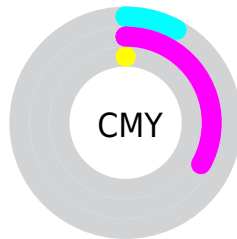
- Red (92%)
- Green (67%)
- Blue (100%)



- Red (92%)
- Yellow (67%)
- Blue (100%)



- Cyan (8%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)




- Cyan (8%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3872, 0.3007, 0.2439 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 54.3872, 0.3007, 0.2439 by changing the saturation by 10% instead.


 54.3872, 0.3007,
0.2439

 54.3872, 0.3007,
0.2439


403.5848, 0.3075,
0.2823

 38.9113, 0.2989,
0.2354


 96.6425, 0.3033,
0.2570

 26.6907, 0.2965,
0.2251


124.1908, 0.3042,
0.2622

 17.3411, 0.2933,
0.2124


156.5319, 0.3050,
0.2666

 10.4780, 0.2887,
0.1962

194.0503, 0.3057,
0.2706

 5.7170, 0.2819,
0.1751

237.1304, 0.3062,
0.2740

 2.6738, 0.2711,
0.1470

286.1566, 0.3067,

 0.9639, 0.2523,

0.2771

0.1085

341.5133, 0.3071,
0.2798

0.0000, 0.2283,
0.0000

0.0000, 0.0000,
0.0000

54.3872, 0.3007,
0.2439

54.3872, 0.3007,
0.2439

44.5676, 0.2956,
0.2172

66.1095, 0.3051,
0.2710

36.5365, 0.2899,
0.1918

79.8261, 0.3089,
0.2975

30.1782, 0.2837,
0.1690

95.6313, 0.3120,
0.3228

25.3603, 0.2772,
0.1498

99.9984, 0.3127,
0.3290

■ 21.9301, 0.2706,
0.1351

■ 19.7027, 0.2641,
0.1251

■ 18.6209, 0.2594,
0.1203

Harmonies

Analogous

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



54.3872, 0.2440, 0.2288



54.3872, 0.3007, 0.2439



54.3872, 0.3673, 0.2767

Triad

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



54.3872, 0.3007, 0.2439



54.3872, 0.4240, 0.4167



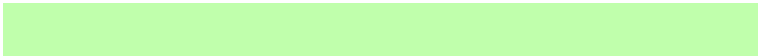
54.3872, 0.2134, 0.3224

Complementary

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



54.3872, 0.3007, 0.2439



85.6931, 0.3202, 0.4226

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.



54.3872, 0.2544, 0.3899



54.3872, 0.3007, 0.2439



54.3872, 0.3759, 0.4458

Square

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



54.3872, 0.3007, 0.2439



54.3872, 0.4424, 0.3708



54.3872, 0.3137, 0.4388



54.3872, 0.1981, 0.2665

Rectangle

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



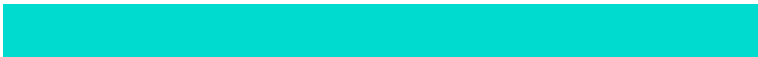
54.3872, 0.3007, 0.2439



54.3872, 0.4064, 0.3055



54.3872, 0.3137, 0.4388



54.3872, 0.2244, 0.3448

Sweetspot

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



54.3895, 0.3007, 0.2439



83.6482, 0.3097, 0.3040



54.0257, 0.2572, 0.2569



17.4489, 0.3093, 0.3004



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.



54.3895, 0.3007, 0.2439



47.8385, 0.2975, 0.2265



56.7229, 0.3330, 0.2665



18.0668, 0.3099, 0.3053



9.8046, 0.2604, 0.1208



1.0049, 0.2676, 0.1248

Inverse Universe

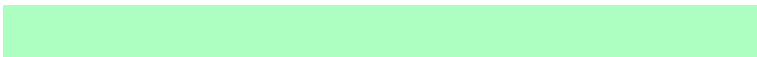
The Inverse Universe completely reimagines the original color for something new.



54.5757, 0.3700, 0.3083



48.1623, 0.3866, 0.3040



84.1168, 0.2974, 0.4010



18.0589, 0.3256, 0.3233



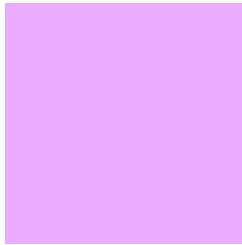
11.3070, 0.5963, 0.3059



1.1172, 0.5650, 0.2886

Previews

White Background



This preview shows how the Yxy color 54.3872, 0.3007, 0.2439 looks on a white background.

Color Contrast Check

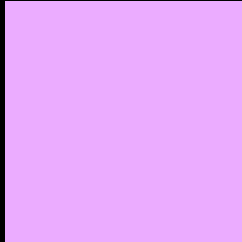
Large Text (above 18pt) WCAG AA × Fail

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 54.3872, 0.3007, 0.2439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

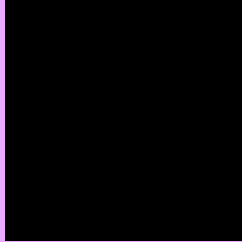
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3872, 0.3007, 0.2439

Background



This preview shows how black text looks on a background with the Yxy color 54.3872, 0.3007, 0.2439.



This preview shows how white text looks on a background with the Yxy color 54.3872, 0.3007, 0.2439.

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

54.3872, 0.3007, 0.2439

Protanopia

54.7070, 0.2604, 0.2578

Deuteranopia

54.8547, 0.2671, 0.2615



Tritanopia

54.2751, 0.3382, 0.3121

Trichromacy



Original Color

54.3872, 0.3007, 0.2439



Protanomaly

53.9237, 0.2736, 0.2514



Deuteranomaly

54.4227, 0.2790, 0.2550



Tritanomaly

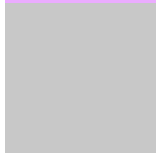
54.1777, 0.3240, 0.2852

Monochromacy



Original Color

54.3872, 0.3007, 0.2439



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

56.1404, 0.3087, 0.2949

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3872, 0.3007, 0.2439 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(235, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 172, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.3872, 0.3007, 0.2439 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(235, 172, 255) }
```

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

```
.border{ border-color:rgb(235, 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(235, 172, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 172,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3872, 0.3007, 0.2439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 172, 255) }
```

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

```
.background{ background-color: rgb(235,  
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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