

Converting Colors

$Y_{xy}(44.3693, 0.2924, 0.2174)$

Have a look what the booklet for
Yxy(44.3693, 0.2924, 0.2174)
contains.

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Color

Yxy(44.4074, 0.2924, 0.2175)

Conversions

Conversions Part 1

Format	Color
Hex	E194FF
RGB	225, 148, 255
RGB Percent	88%, 58%, 100%
CMY	0.1176, 0.4197, 0.0000
CMYK	0.12, 0.42, 0.00, 0.00
HSL	283°, 100%, 79%
HSV	283°, 42%, 100%
XYZ	59.6999, 44.4074, 100.0647
YIQ	183.2210, 11.5450, 49.6010

Conversions

Conversions Part 2

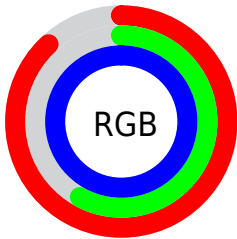
Format	Color
R _Y B	225, 148, 255
Decimal	14783743
CIE _{Lab}	72.50, 46.74, -41.86
CIE _{LCh}	72, 62.743, 318.149
Yxy	44.4074, 0.2924, 0.2175
Android (android.graphics.Color)	4292973823 (0xFFE194FF)
YUV	183.2210, 35.3870, 36.6402
Hunter-Lab	66.6389, 43.2950, -42.3824

Details

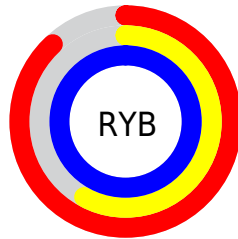
The Yxy color **44.4074, 0.2924, 0.2175** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **83.1192, 0.3240, 0.4530**, and the grayscale version is **47.2775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1919, 0.3151, 0.2782**, and **20.5865, 0.2849, 0.1927** is the 20% darker color. If you saturate the color by 10%, you get **36.1454, 0.2857, 0.1914**, and if you desaturate by 10%, it is **54.4780, 0.2985, 0.2448**.

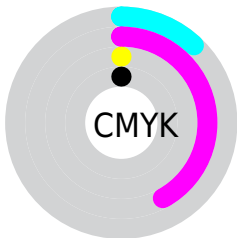
Distribution



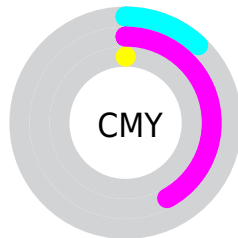
- Red (88%)
- Green (58%)
- Blue (100%)



- Red (88%)
- Yellow (58%)
- Blue (100%)



- Cyan (12%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4074, 0.2924, 0.2175 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 44.4074, 0.2924, 0.2175 by changing the saturation by 10% instead.


 44.4074, 0.2924,
0.2175

 44.4074, 0.2924,
0.2175

364.3682, 0.3041,
0.2680

 30.9909, 0.2892,
0.2064


 81.8304, 0.2969,
0.2347

 20.5919, 0.2850,
0.1930


 106.6058, 0.2985,
0.2415

 12.8260, 0.2793,
0.1764


135.9362, 0.2998,
0.2474

 7.3089, 0.2712,
0.1558

170.2061, 0.3010,
0.2526

 3.6560, 0.2591,
0.1295

209.7998, 0.3019,
0.2571

 1.4831, 0.2400,
0.0960

255.1018, 0.3027,

 0.2768, 0.2114,

0.2612

0.0380

306.4965, 0.3035,
0.2648

0.0000, 0.1252,
0.0000

0.0000, 0.0000,
0.0000

44.4074, 0.2924,
0.2175

44.4074, 0.2924,
0.2175

36.1454, 0.2857,
0.1914

54.4780, 0.2985,
0.2448

29.5763, 0.2784,
0.1677

66.4659, 0.3038,
0.2722

24.5677, 0.2707,
0.1474

80.4690, 0.3083,
0.2989

20.9681, 0.2630,
0.1316

96.5789, 0.3121,
0.3242

■ 18.5945, 0.2555,
0.1207

100.0000, 0.3127,
0.3290

■ 17.3556, 0.2497,
0.1149

Harmonies

Analogous

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



44.4074, 0.2194, 0.1987



44.4074, 0.2924, 0.2175



44.4074, 0.3837, 0.2580

Triad

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



44.4074, 0.2924, 0.2175



44.4074, 0.4601, 0.4381



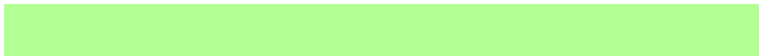
44.4074, 0.1821, 0.3191

Complementary

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



44.4074, 0.2924, 0.2175



83.1192, 0.3240, 0.4530

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.



44.4074, 0.2342, 0.4172



44.4074, 0.2924, 0.2175



44.4074, 0.3944, 0.4859

Square

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



44.4074, 0.2924, 0.2175



44.4074, 0.4879, 0.3756



44.4074, 0.3120, 0.4859



44.4074, 0.1637, 0.2440

Rectangle

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



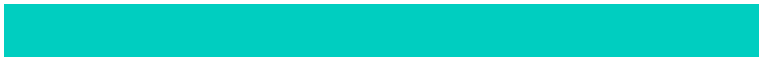
44.4074, 0.2924, 0.2175



44.4074, 0.4391, 0.2938



44.4074, 0.3120, 0.4859



44.4074, 0.1958, 0.3511

Sweetspot

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



44.4068, 0.2924, 0.2175



78.9237, 0.3079, 0.2962



45.4786, 0.2400, 0.2360



16.2035, 0.3069, 0.2904



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.



44.4068, 0.2924, 0.2175



37.6315, 0.2871, 0.1964



48.2519, 0.3375, 0.2454



18.0296, 0.3093, 0.3053



9.1475, 0.2509, 0.1156



0.9456, 0.2591, 0.1201

Inverse Universe

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



45.6494, 0.3906, 0.2978



39.2205, 0.4139, 0.2924



80.7618, 0.2953, 0.4310



18.0707, 0.3250, 0.3224



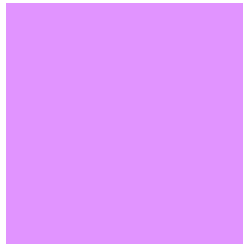
11.3712, 0.5837, 0.2989



1.1248, 0.5518, 0.2813

Previews

White Background



This preview shows how the Yxy color 44.4074, 0.2924, 0.2175 looks on a white background.

Color Contrast Check

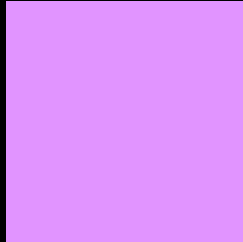
Large Text (above 18pt) WCAG AA × Fail

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 44.4074, 0.2924, 0.2175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

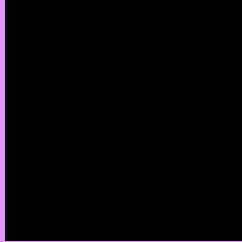
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4074, 0.2924, 0.2175

Background



This preview shows how black text looks on a background with the Yxy color 44.4074, 0.2924, 0.2175.



This preview shows how white text looks on a background with the Yxy color 44.4074, 0.2924, 0.2175.

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

44.4074, 0.2924, 0.2175

Protanopia

44.9461, 0.2419, 0.2337

Deuteranopia

44.7251, 0.2452, 0.2388



Tritanopia

44.4208, 0.3473, 0.3134

Trichromacy



Original Color

44.4074, 0.2924, 0.2175



Protanomaly

44.0761, 0.2581, 0.2262



Deuteranomaly

43.8844, 0.2599, 0.2290

Tritanomaly

44.1579, 0.3263, 0.2747

Monochromacy



Original Color

44.4074, 0.2924, 0.2175



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.3587, 0.3054, 0.2817

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4074, 0.2924, 0.2175 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(225, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 148, 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(225, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 148, 255) }
```

Border

The CSS property to change the border of an element to Yxy 44.4074, 0.2924, 0.2175 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(225, 148, 255) }
```

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

```
.border{ border-color:rgb(225, 148, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 148,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4074, 0.2924, 0.2175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 148, 255) }
```

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

```
.background{ background-color: rgb(225,  
148, 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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