

Converting Colors

$Y_{xy}(44.7307, 0.2941, 0.2181)$

Have a look what the booklet for
Yxy(44.7307, 0.2941, 0.2181)
contains.

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Color

Yxy(44.7307, 0.2941, 0.2181)

Conversions

Conversions Part 1

Format	Color
Hex	E394FF
RGB	227, 148, 255
RGB Percent	89%, 58%, 100%
CMY	0.1098, 0.4196, 0.0001
CMYK	0.11, 0.42, 0.00, 0.00
HSL	284°, 100%, 79%
HSV	284°, 42%, 100%
XYZ	60.3177, 44.7307, 100.0442
YIQ	183.8190, 12.7370, 50.0250

Conversions

Conversions Part 2

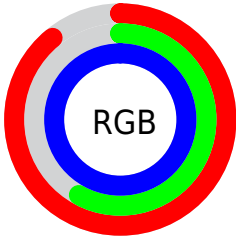
Format	Color
R _Y B	227, 148, 255
Decimal	14914815
CIE Lab	72.71, 47.28, -41.48
CIE LCh	73, 62.900, 318.742
Yxy	44.7307, 0.2941, 0.2181
Android (android.graphics.Color)	4293104895 (0xFFE394FF)
YUV	183.8190, 35.0922, 37.8697
Hunter-Lab	66.8810, 43.9414, -41.8724

Details

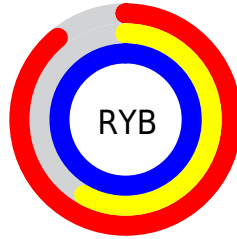
The Yxy color **44.7307, 0.2941, 0.2181** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **82.8718, 0.3228, 0.4534**, and the grayscale version is **47.6269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1919, 0.3151, 0.2782**, and **20.8077, 0.2871, 0.1936** is the 20% darker color. If you saturate the color by 10%, you get **36.5320, 0.2879, 0.1923**, and if you desaturate by 10%, it is **54.7367, 0.2997, 0.2452**.

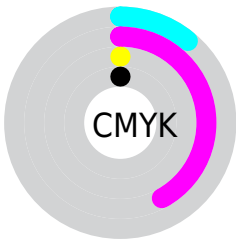
Distribution



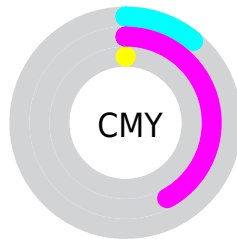
- Red (89%)
- Green (58%)
- Blue (100%)



- Red (89%)
- Yellow (58%)
- Blue (100%)



- Cyan (11%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)




- Cyan (11%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7307, 0.2941, 0.2181 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 44.7307, 0.2941, 0.2181 by changing the saturation by 10% instead.


 44.7307, 0.2941,
0.2181


 44.7307, 0.2941,
0.2181


365.6818, 0.3049,
0.2683

 31.2454, 0.2911,
0.2071


 82.3162, 0.2983,
0.2352

 20.7858, 0.2872,
0.1937


 107.1851, 0.2998,
0.2420

 12.9675, 0.2818,
0.1773


136.6173, 0.3010,
0.2478

 7.4062, 0.2741,
0.1568

170.9972, 0.3021,
0.2529

 3.7174, 0.2626,
0.1307

210.7092, 0.3030,
0.2575

 1.5168, 0.2444,
0.0974

256.1377, 0.3037,

 0.3005, 0.2167,

0.2615

0.0409

307.6671, 0.3044,
0.2651

0.0000, 0.1364,
0.0000

0.0000, 0.0000,
0.0000

44.7307, 0.2941,
0.2181

44.7307, 0.2941,
0.2181

36.5320, 0.2879,
0.1923

54.7367, 0.2997,
0.2452

30.0175, 0.2811,
0.1689

66.6511, 0.3045,
0.2724

25.0575, 0.2740,
0.1490

80.5742, 0.3087,
0.2989

21.5007, 0.2668,
0.1336

96.5973, 0.3121,
0.3242

■ 19.1643, 0.2598,
0.1230

99.9987, 0.3127,
0.3290

■ 17.9502, 0.2543,
0.1175

Harmonies

Analogous

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



44.7307, 0.2205, 0.1988



44.7307, 0.2941, 0.2181



44.7307, 0.3855, 0.2590

Triad

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



44.7307, 0.2941, 0.2181



44.7307, 0.4591, 0.4393



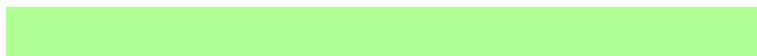
44.7307, 0.1814, 0.3173

Complementary

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



44.7307, 0.2941, 0.2181



82.8718, 0.3228, 0.4534

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.



44.7307, 0.2329, 0.4153



44.7307, 0.2941, 0.2181



44.7307, 0.3929, 0.4865

Square

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



44.7307, 0.2941, 0.2181



44.7307, 0.4878, 0.3769



44.7307, 0.3103, 0.4852



44.7307, 0.1636, 0.2429

Rectangle

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



44.7307, 0.2941, 0.2181



44.7307, 0.4405, 0.2949



44.7307, 0.3103, 0.4852



44.7307, 0.1949, 0.3491

Sweetspot

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



44.7326, 0.2941, 0.2181



79.0360, 0.3083, 0.2962



44.7743, 0.2397, 0.2338



16.2314, 0.3074, 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.



44.7326, 0.2941, 0.2181



38.0051, 0.2891, 0.1972



48.1515, 0.3391, 0.2470



18.0474, 0.3096, 0.3053



9.4571, 0.2554, 0.1181



0.9736, 0.2632, 0.1223

Inverse Universe

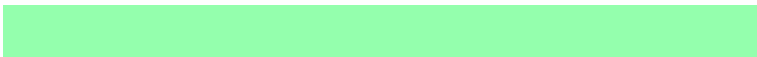
The Inverse Universe completely reimagines the original color for something new.



45.5708, 0.3926, 0.2999



39.1356, 0.4167, 0.2949



80.8188, 0.2944, 0.4287



18.0650, 0.3253, 0.3228



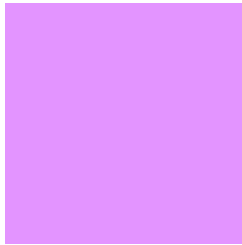
11.3391, 0.5899, 0.3023



1.1211, 0.5582, 0.2849

Previews

White Background



This preview shows how the Yxy color 44.7307, 0.2941, 0.2181 looks on a white background.

Color Contrast Check

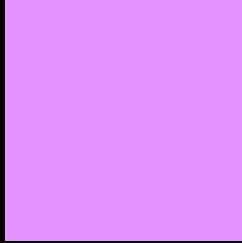
Large Text (above 18pt) WCAG AA × Fail

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 44.7307, 0.2941, 0.2181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

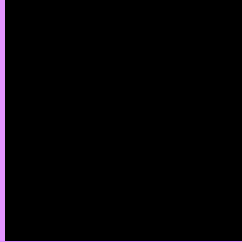
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7307, 0.2941, 0.2181

Background



This preview shows how black text looks on a background with the Yxy color 44.7307, 0.2941, 0.2181.



This preview shows how white text looks on a background with the Yxy color 44.7307, 0.2941, 0.2181.

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

44.7307, 0.2941, 0.2181

Protanopia

45.0430, 0.2425, 0.2339

Deuteranopia

45.1539, 0.2465, 0.2412



Tritanopia

44.7235, 0.3492, 0.3135

Trichromacy



Original Color

44.7307, 0.2941, 0.2181



Protanomaly

44.1957, 0.2588, 0.2264



Deuteranomaly

44.0612, 0.2619, 0.2303

Tritanomaly

44.4681, 0.3281, 0.2750

Monochromacy



Original Color

44.7307, 0.2941, 0.2181



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

46.0583, 0.3063, 0.2820

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7307, 0.2941, 0.2181 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(227, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 148, 255) }
```

Border

The CSS property to change the border of an element to Yxy 44.7307, 0.2941, 0.2181 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(227, 148, 255) }
```

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

```
.border{ border-color:rgb(227, 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(227, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(227, 148,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7307, 0.2941, 0.2181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 148, 255) }
```

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

```
.background{ background-color: rgb(227,  
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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