

Converting Colors

Yxy(41.3114, 0.2983, 0.2122)

Have a look what the booklet for
Yxy(41.3114, 0.2983, 0.2122)
contains.

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Color

Yxy(41.1243, 0.2978, 0.2116)

Conversions

Conversions Part 1

Format	Color
Hex	E389FA
RGB	227, 137, 250
RGB Percent	89%, 54%, 98%
CMY	0.1099, 0.4627, 0.0195
CMYK	0.09, 0.45, 0.00, 0.02
HSL	288°, 92%, 76%
HSV	288°, 45%, 98%
XYZ	57.8772, 41.1243, 95.3477
YIQ	176.7920, 17.3670, 54.2230

Conversions

Conversions Part 2

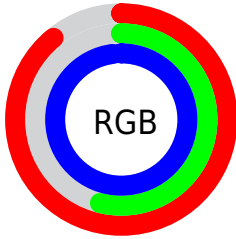
Format	Color
R _Y B	227, 137, 250
Decimal	14911994
CIE Lab	70.26, 51.98, -42.61
CIE LCh	70, 67.212, 320.652
Yxy	41.1243, 0.2978, 0.2116
Android (android.graphics.Color)	4293102074 (0xFFE389FA)
YUV	176.7920, 36.0915, 44.0324
Hunter-Lab	64.1282, 48.8760, -43.2644

Details

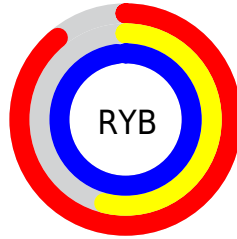
The Yxy color **41.1243, 0.2978, 0.2116** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **77.6709, 0.3191, 0.4658**, and the grayscale version is **43.6536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1793, 0.3156, 0.2673**, and **18.7370, 0.2919, 0.1862** is the 20% darker color. If you saturate the color by 10%, you get **34.0052, 0.2930, 0.1875**, and if you desaturate by 10%, it is **49.9182, 0.3021, 0.2375**.

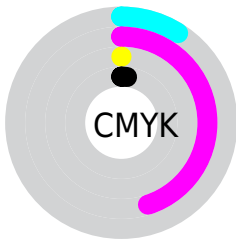
Distribution



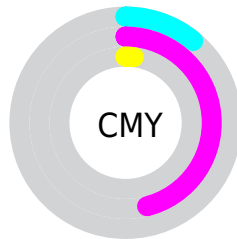
- Red (89%)
- Green (54%)
- Blue (98%)



- Red (89%)
- Yellow (54%)
- Blue (98%)



- Cyan (9%)
- Magenta (45%)
- Yellow (0%)
- Black (2%)




- Cyan (11%)
- Magenta (46%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1243, 0.2978, 0.2116 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 41.1243, 0.2978, 0.2116 by changing the saturation by 10% instead.

 41.1243, 0.2978,
0.2116


 41.1243, 0.2978,
0.2116


350.8399, 0.3072,
0.2650


 28.4162, 0.2950,
0.1998


 76.8725, 0.3016,
0.2298

 18.6397, 0.2913,
0.1856


 100.6815, 0.3029,
0.2370

 11.4102, 0.2861,
0.1681


 128.9596, 0.3040,
0.2432

 6.3434, 0.2785,
0.1463

162.0911, 0.3048,
0.2487

 3.0550, 0.2669,
0.1187

200.4605, 0.3056,
0.2535

 1.1605, 0.2478,
0.0839

244.4521, 0.3062,

 0.0291, 0.2226,

0.2578

0.0047

294.4505, 0.3067,
0.2616

0.0000, 0.1054,
0.0000

0.0000, 0.0000,
0.0000

41.1243, 0.2978,
0.2116

41.1243, 0.2978,
0.2116

34.0052, 0.2930,
0.1875

49.9182, 0.3021,
0.2375

28.4400, 0.2878,
0.1663

60.4861, 0.3058,
0.2642

24.3000, 0.2824,
0.1490

72.9257, 0.3090,
0.2907

21.4332, 0.2768,
0.1363

87.3260, 0.3116,
0.3162

■ 19.6523, 0.2714,
0.1282

■ 99.2068, 0.3140,
0.3338

■ 19.0518, 0.2688,
0.1255

■ 99.6835, 0.3156,
0.3338

Harmonies

Analogous

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



41.1243, 0.2167, 0.1894



41.1243, 0.2978, 0.2116



41.1243, 0.3986, 0.2563

Triad

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



41.1243, 0.2978, 0.2116



41.1243, 0.4666, 0.4501



41.1243, 0.1682, 0.3085

Complementary

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



41.1243, 0.2978, 0.2116



77.6709, 0.3191, 0.4658

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.



41.1243, 0.2203, 0.4178



41.1243, 0.2978, 0.2116



41.1243, 0.3921, 0.5027

Square

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



41.1243, 0.2978, 0.2116



41.1243, 0.5031, 0.3823



41.1243, 0.3024, 0.4999



41.1243, 0.1522, 0.2307

Rectangle

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



41.1243, 0.2978, 0.2116



41.1243, 0.4579, 0.2949



41.1243, 0.3024, 0.4999



41.1243, 0.1814, 0.3432

Sweetspot

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



41.1261, 0.2978, 0.2116



77.9452, 0.3093, 0.2938



37.8870, 0.2323, 0.2178



16.0343, 0.3087, 0.2881



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.



41.1261, 0.2978, 0.2116



36.3311, 0.2936, 0.1901



43.2851, 0.3472, 0.2462



17.3354, 0.3105, 0.3054



10.1665, 0.2697, 0.1259



0.9852, 0.2761, 0.1295

Inverse Universe

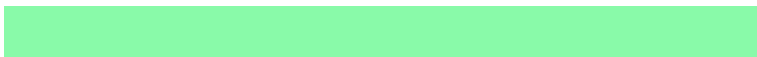
The Inverse Universe completely reimagines the original color for something new.



40.7629, 0.4092, 0.3047



36.1086, 0.4398, 0.3009



76.5704, 0.2906, 0.4305



17.2831, 0.3262, 0.3242



10.9235, 0.6068, 0.3116



1.0262, 0.5751, 0.2942

Previews

White Background



This preview shows how the Yxy color 41.1243, 0.2978, 0.2116 looks on a white background.

Color Contrast Check

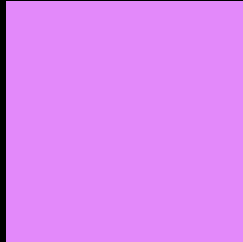
Large Text (above 18pt) WCAG AA × Fail

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 41.1243, 0.2978, 0.2116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

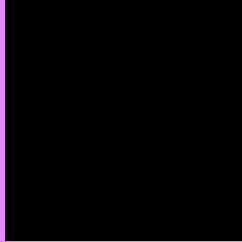
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1243, 0.2978, 0.2116

Background



This preview shows how black text looks on a background with the Yxy color 41.1243, 0.2978, 0.2116.



This preview shows how white text looks on a background with the Yxy color 41.1243, 0.2978, 0.2116.

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

41.1243, 0.2978, 0.2116

Protanopia

41.3467, 0.2345, 0.2234

Deuteranopia

41.3921, 0.2428, 0.2361



Tritanopia

41.0512, 0.3599, 0.3145

Trichromacy



Original Color

41.1243, 0.2978, 0.2116



Protanomaly

40.0900, 0.2538, 0.2164



Deuteranomaly

40.2215, 0.2596, 0.2244



Tritanomaly

40.6322, 0.3357, 0.2719

Monochromacy



Original Color

41.1243, 0.2978, 0.2116



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

41.8024, 0.3070, 0.2771

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1243, 0.2978, 0.2116 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, 137, 250)` looks like.

```
.text, #text, p{  
    color:rgb(227, 137, 250)  
}
```

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, 137, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 137, 250) }
```

Border

The CSS property to change the border of an element to Yxy 41.1243, 0.2978, 0.2116 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, 137, 250) }
```

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

```
.border{ border-color:rgb(227, 137, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 137, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 137, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 137, 250);  
box-shadow:4px 4px 4px 4px rgb(227, 137,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1243, 0.2978, 0.2116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 137, 250) }
```

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

```
.background{ background-color: rgb(227,  
137, 250) }
```

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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