

Converting Colors

$Y_{xy}(43.1986, 0.2986, 0.2120)$

Have a look what the booklet for
Yxy(43.1986, 0.2986, 0.2120)
contains.

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Color

Yxy(43.1320, 0.2982, 0.2119)

Conversions

Conversions Part 1

Format	Color
Hex	E88CFF
RGB	232, 140, 255
RGB Percent	91%, 55%, 100%
CMY	0.0903, 0.4509, 0.0001
CMYK	0.09, 0.45, 0.00, 0.00
HSL	288°, 100%, 77%
HSV	288°, 45%, 100%
XYZ	60.6983, 43.1320, 99.7186
YIQ	180.6180, 17.9170, 55.2690

Conversions

Conversions Part 2

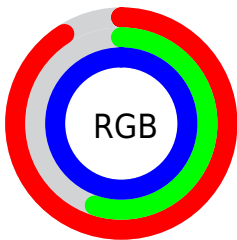
Format	Color
R _Y B	232, 140, 255
Decimal	15240447
CIE Lab	71.64, 52.80, -43.11
CIE LCh	72, 68.164, 320.766
Yxy	43.1320, 0.2982, 0.2119
Android (android.graphics.Color)	4293430527 (0xFFE88CFF)
YUV	180.6180, 36.6703, 45.0620
Hunter-Lab	65.6750, 50.0425, -44.0514

Details

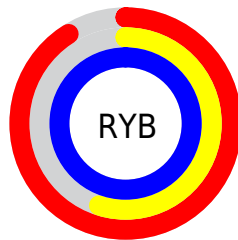
The Yxy color **43.1320, 0.2982, 0.2119** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81.1928, 0.3189, 0.4657**, and the grayscale version is **45.7852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9599, 0.3154, 0.2712**, and **19.7315, 0.2914, 0.1856** is the 20% darker color. If you saturate the color by 10%, you get **35.6827, 0.2935, 0.1878**, and if you desaturate by 10%, it is **52.3360, 0.3024, 0.2378**.

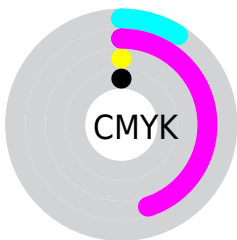
Distribution



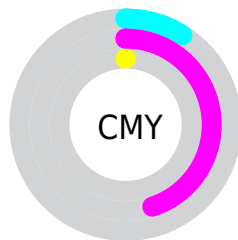
- Red (91%)
- Green (55%)
- Blue (100%)



- Red (91%)
- Yellow (55%)
- Blue (100%)



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1320, 0.2982, 0.2119 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 43.1320, 0.2982, 0.2119 by changing the saturation by 10% instead.

 43.1320, 0.2982,
0.2119


 43.1320, 0.2982,
0.2119


359.1543, 0.3073,
0.2647

 29.9887, 0.2955,
0.2004


 79.9100, 0.3018,
0.2298

 19.8300, 0.2920,
0.1864

 104.3135, 0.3031,
0.2369

 12.2715, 0.2870,
0.1694


133.2392, 0.3042,
0.2431

 6.9289, 0.2798,
0.1482

167.0715, 0.3050,
0.2485

 3.4177, 0.2688,
0.1215

206.1947, 0.3058,
0.2533

 1.3535, 0.2510,
0.0879

250.9934, 0.3064,

 0.1821, 0.2253,

0.2575

301.8518, 0.3069,
0.2613

0.0252

0.0000, 0.1444,
0.0000

0.0000, 0.0000,
0.0000

43.1320, 0.2982,
0.2119

43.1320, 0.2982,
0.2119

35.6827, 0.2935,
0.1878

52.3360, 0.3024,
0.2378

29.8616, 0.2884,
0.1667

63.3988, 0.3060,
0.2645

25.5336, 0.2831,
0.1494

76.4228, 0.3091,
0.2909

22.5395, 0.2777,
0.1367

91.5011, 0.3116,
0.3165

■ 20.6830, 0.2723,
0.1287

99.9989, 0.3127,
0.3290

■ 20.0497, 0.2697,
0.1260

Harmonies

Analogous

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



43.1320, 0.2171, 0.1896



43.1320, 0.2982, 0.2119



43.1320, 0.3988, 0.2566

Triad

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



43.1320, 0.2982, 0.2119



43.1320, 0.4661, 0.4502



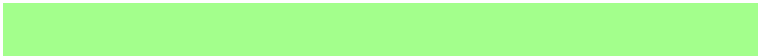
43.1320, 0.1682, 0.3081

Complementary

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



43.1320, 0.2982, 0.2119



81.1928, 0.3189, 0.4657

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.



43.1320, 0.2202, 0.4172



43.1320, 0.2982, 0.2119



43.1320, 0.3917, 0.5025

Square

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



43.1320, 0.2982, 0.2119



43.1320, 0.5028, 0.3825



43.1320, 0.3021, 0.4994



43.1320, 0.1524, 0.2306

Rectangle

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



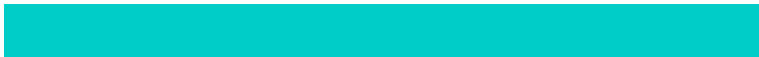
43.1320, 0.2982, 0.2119



43.1320, 0.4579, 0.2953



43.1320, 0.3021, 0.4994



43.1320, 0.1814, 0.3428

Sweetspot

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



43.1338, 0.2982, 0.2119



77.9698, 0.3094, 0.2938



39.6820, 0.2325, 0.2180



16.0403, 0.3088, 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.



43.1338, 0.2982, 0.2119



36.4156, 0.2940, 0.1903



45.3158, 0.3471, 0.2464



18.1060, 0.3106, 0.3054



10.5426, 0.2706, 0.1264



1.0709, 0.2766, 0.1298

Inverse Universe

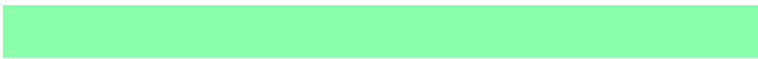
The Inverse Universe completely reimagines the original color for something new.



42.6652, 0.4094, 0.3052



36.0925, 0.4404, 0.3014



80.0879, 0.2906, 0.4303



18.0465, 0.3263, 0.3243



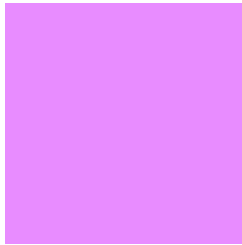
11.2505, 0.6080, 0.3123



1.1101, 0.5782, 0.2959

Previews

White Background



This preview shows how the Yxy color 43.1320, 0.2982, 0.2119 looks on a white background.

Color Contrast Check

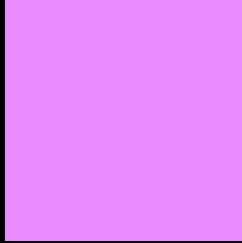
Large Text (above 18pt) WCAG AA × Fail

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 43.1320, 0.2982, 0.2119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

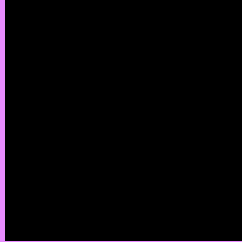
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1320, 0.2982, 0.2119

Background



This preview shows how black text looks on a background with the Yxy color 43.1320, 0.2982, 0.2119.



This preview shows how white text looks on a background with the Yxy color 43.1320, 0.2982, 0.2119.

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

43.1320, 0.2982, 0.2119

Protanopia

43.4030, 0.2389, 0.2294

Deuteranopia

43.5012, 0.2428, 0.2367



Tritanopia

42.9522, 0.3611, 0.3148

Trichromacy



Original Color

43.1320, 0.2982, 0.2119



Protanomaly

42.2934, 0.2574, 0.2205



Deuteranomaly

42.3894, 0.2600, 0.2253

Tritanomaly

42.5680, 0.3363, 0.2720

Monochromacy



Original Color

43.1320, 0.2982, 0.2119



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.1059, 0.3080, 0.2782

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1320, 0.2982, 0.2119 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(232, 140, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 140, 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(232, 140, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 140, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.1320, 0.2982, 0.2119 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(232, 140, 255) }
```

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

```
.border{ border-color:rgb(232, 140, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 140, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 140, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 140, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 140,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1320, 0.2982, 0.2119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 140, 255) }
```

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

```
.background{ background-color: rgb(232,  
140, 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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