

Converting Colors

Yxy(41.6547, 0.2964, 0.2149)

Have a look what the booklet for
Yxy(41.6547, 0.2964, 0.2149)
contains.

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Color

Yxy(41.6033, 0.2969, 0.2147)

Conversions

Conversions Part 1

Format	Color
Hex	E18CF9
RGB	225, 140, 249
RGB Percent	88%, 55%, 98%
CMY	0.1176, 0.4510, 0.0234
CMYK	0.10, 0.44, 0.00, 0.02
HSL	287°, 90%, 76%
HSV	287°, 44%, 98%
XYZ	57.5315, 41.6033, 94.6393
YIQ	177.8410, 15.6710, 51.9190

Conversions

Conversions Part 2

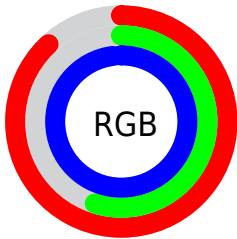
Format	Color
R _Y B	225, 140, 249
Decimal	14781689
CIE Lab	70.60, 49.69, -41.56
CIE LCh	71, 64.783, 320.090
Yxy	41.6033, 0.2969, 0.2147
Android (android.graphics.Color)	4292971769 (0xFFE18CF9)
YUV	177.8410, 35.0814, 41.3584
Hunter-Lab	64.5006, 46.3376, -41.8435

Details

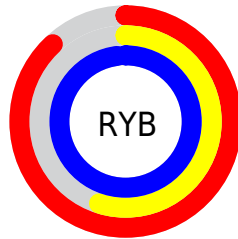
The Yxy color **41.6033, 0.2969, 0.2147** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **77.5540, 0.3202, 0.4605**, and the grayscale version is **44.2386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5102, 0.3155, 0.2703**, and **18.9470, 0.2907, 0.1894** is the 20% darker color. If you saturate the color by 10%, you get **34.2650, 0.2917, 0.1900**, and if you desaturate by 10%, it is **50.6200, 0.3015, 0.2410**.

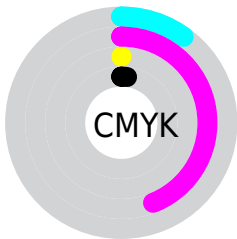
Distribution



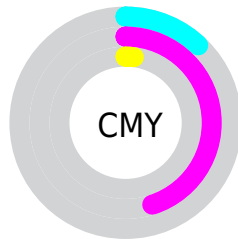
- Red (88%)
- Green (55%)
- Blue (98%)



- Red (88%)
- Yellow (55%)
- Blue (98%)



- Cyan (10%)
- Magenta (44%)
- Yellow (0%)
- Black (2%)





- Cyan (12%)
- Magenta (45%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6033, 0.2969, 0.2147 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 41.6033, 0.2969, 0.2147 by changing the saturation by 10% instead.


 41.6033, 0.2969,
0.2147

 41.6033, 0.2969,
0.2147

352.8358, 0.3066,
0.2669


 28.7908, 0.2941,
0.2032


 77.5989, 0.3007,
0.2325

 18.9226, 0.2903,
0.1892


 101.5507, 0.3021,
0.2395

 11.6144, 0.2851,
0.1720


 129.9845, 0.3032,
0.2456

 6.4817, 0.2775,
0.1504

163.2846, 0.3041,
0.2509

 3.1401, 0.2658,
0.1230

201.8354, 0.3049,
0.2556

 1.2053, 0.2468,
0.0882

246.0212, 0.3056,

 0.0660, 0.2212,

0.2598

0.0108

296.2266, 0.3061,
0.2635

■ 0.0000, 0.0997,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.6033, 0.2969,
0.2147

■ 41.6033, 0.2969,
0.2147

■ 34.2650, 0.2917,
0.1900

■ 50.6200, 0.3015,
0.2410

■ 28.4870, 0.2861,
0.1680

■ 61.4119, 0.3056,
0.2679

■ 24.1442, 0.2802,
0.1497

■ 74.0748, 0.3090,
0.2943

■ 21.0896, 0.2742,
0.1360

■ 88.6959, 0.3118,
0.3198

■ 19.1442, 0.2683,
0.1269

■ 99.1379, 0.3146,
0.3347

■ 18.3315, 0.2647,
0.1232

■ 99.6210, 0.3162,
0.3347

Harmonies

Analogous

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



41.6033, 0.2189, 0.1935



41.6033, 0.2969, 0.2147



41.6033, 0.3936, 0.2579

Triad

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



41.6033, 0.2969, 0.2147



41.6033, 0.4630, 0.4459



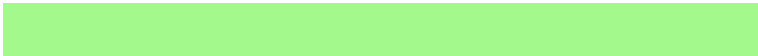
41.6033, 0.1737, 0.3116

Complementary

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



41.6033, 0.2969, 0.2147



77.5540, 0.3202, 0.4605

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.



41.6033, 0.2253, 0.4159



41.6033, 0.2969, 0.2147



41.6033, 0.3919, 0.4958

Square

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



41.6033, 0.2969, 0.2147



41.6033, 0.4964, 0.3805



41.6033, 0.3053, 0.4930



41.6033, 0.1571, 0.2356

Rectangle

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



41.6033, 0.2969, 0.2147



41.6033, 0.4508, 0.2955



41.6033, 0.3053, 0.4930



41.6033, 0.1869, 0.3450

Sweetspot

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



41.6051, 0.2969, 0.2147



79.2839, 0.3092, 0.2963



39.4850, 0.2355, 0.2243



16.2930, 0.3085, 0.2905



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.



41.6051, 0.2969, 0.2147



36.6605, 0.2921, 0.1917



44.0647, 0.3440, 0.2470



17.3204, 0.3103, 0.3054



9.8758, 0.2656, 0.1237



0.9606, 0.2725, 0.1275

Inverse Universe

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



41.5810, 0.4026, 0.3035



36.8469, 0.4334, 0.2990



76.2087, 0.2920, 0.4290



17.2878, 0.3259, 0.3238



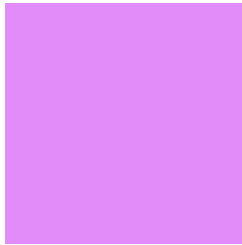
10.9446, 0.6022, 0.3091



1.0288, 0.5699, 0.2913

Previews

White Background



This preview shows how the Yxy color 41.6033, 0.2969, 0.2147 looks on a white background.

Color Contrast Check

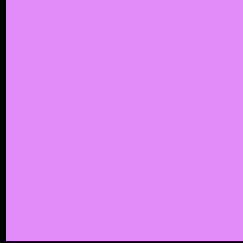
Large Text (above 18pt) WCAG AA × Fail

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 41.6033, 0.2969, 0.2147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

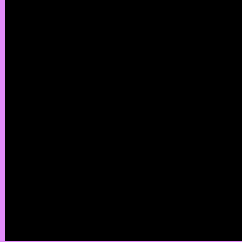
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6033, 0.2969, 0.2147

Background



This preview shows how black text looks on a background with the Yxy color 41.6033, 0.2969, 0.2147.



This preview shows how white text looks on a background with the Yxy color 41.6033, 0.2969, 0.2147.

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

41.6033, 0.2969, 0.2147

Protanopia

41.8987, 0.2359, 0.2250

Deuteranopia

41.8928, 0.2448, 0.2388



Tritanopia

41.6521, 0.3565, 0.3145

Trichromacy



Original Color

41.6033, 0.2969, 0.2147



Protanomaly

40.7724, 0.2540, 0.2187



Deuteranomaly

40.9643, 0.2612, 0.2279



Tritanomaly

41.1622, 0.3335, 0.2730

Monochromacy



Original Color

41.6033, 0.2969, 0.2147



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

42.5127, 0.3070, 0.2796

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6033, 0.2969, 0.2147 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, 140, 249)` looks like.

```
.text, #text, p{  
  color:rgb(225, 140, 249)  
}
```

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, 140, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 140, 249) }
```

Border

The CSS property to change the border of an element to Yxy 41.6033, 0.2969, 0.2147 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, 140, 249) }
```

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

```
.border{ border-color:rgb(225, 140, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 140, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 140, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 140, 249);  
box-shadow:4px 4px 4px 4px rgb(225, 140,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6033, 0.2969, 0.2147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 140, 249) }
```

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

```
.background{ background-color: rgb(225,  
140, 249) }
```

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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