

Converting Colors

Yxy(61.7145, 0.2972, 0.2666)

Have a look what the booklet for
Yxy(61.7145, 0.2972, 0.2666)
contains.

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Color

Yxy(61.7258, 0.2969, 0.2664)

Conversions

Conversions Part 1

Format	Color
Hex	E4C1FD
RGB	228, 193, 253
RGB Percent	89%, 76%, 99%
CMY	0.1058, 0.2431, 0.0080
CMYK	0.10, 0.24, 0.00, 0.01
HSL	275°, 94%, 87%
HSV	275°, 24%, 99%
XYZ	68.7928, 61.7258, 101.1849
YIQ	210.3050, 1.6000, 26.0800

Conversions

Conversions Part 2

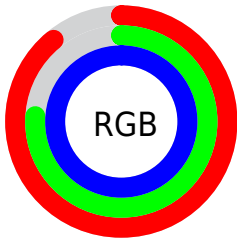
Format	Color
R _Y B	228, 193, 253
Decimal	14991869
CIE Lab	82.77, 23.20, -24.88
CIE LCh	83, 34.021, 312.997
Yxy	61.7258, 0.2969, 0.2664
Android (android.graphics.Color)	4293181949 (0xFFE4C1FD)
YUV	210.3050, 21.0486, 15.5185
Hunter-Lab	78.5658, 18.8058, -21.3636

Details

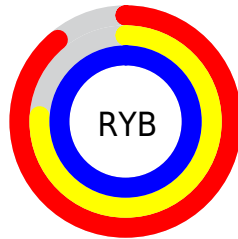
The Yxy color **61.7258, 0.2969, 0.2664** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.9757, 0.3253, 0.3931**, and the grayscale version is **64.5197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **31.2214, 0.2925, 0.2522** is the 20% darker color. If you saturate the color by 10%, you get **49.8145, 0.2884, 0.2377**, and if you desaturate by 10%, it is **75.6599, 0.3043, 0.2940**.

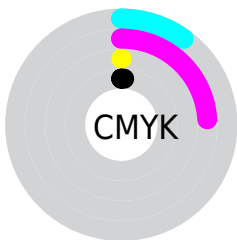
Distribution



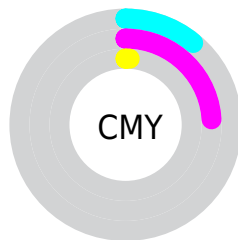
- Red (89%)
- Green (76%)
- Blue (99%)



- Red (89%)
- Yellow (76%)
- Blue (99%)



- Cyan (10%)
- Magenta (24%)
- Yellow (0%)
- Black (1%)




- Cyan (11%)
- Magenta (24%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7258, 0.2969, 0.2664 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 61.7258, 0.2969, 0.2664 by changing the saturation by 10% instead.

 61.7258, 0.2969,
0.2664

 61.7258, 0.2969,
0.2664


430.9302, 0.3048,
0.2948

 44.8112, 0.2949,
0.2601

 107.3291, 0.2998,
0.2761

 31.3087, 0.2925,
0.2524


136.7866, 0.3009,
0.2799

 20.8340, 0.2892,
0.2427


171.1939, 0.3018,
0.2832

 13.0027, 0.2848,
0.2304

210.9353, 0.3026,
0.2861

 7.4304, 0.2786,
0.2141

256.3952, 0.3032,
0.2887

 3.7327, 0.2691,
0.1917

307.9581, 0.3038,

 1.5252, 0.2533,

0.2909

0.1593

366.0083, 0.3044,
0.2930

0.3064, 0.2308,
0.0824

0.0000, 0.0000,
0.0000

61.7258, 0.2969,
0.2664

61.7258, 0.2969,
0.2664

49.8145, 0.2884,
0.2377

75.6599, 0.3043,
0.2940

39.8189, 0.2788,
0.2087

91.7012, 0.3106,
0.3199

31.6340, 0.2682,
0.1806

99.8695, 0.3139,
0.3309

25.1410, 0.2571,
0.1548

■ 20.2064, 0.2457,
0.1325

■ 16.6758, 0.2346,
0.1150

■ 14.3612, 0.2241,
0.1028

■ 13.3582, 0.2179,
0.0974

Harmonies

Analogous

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



61.7258, 0.2598, 0.2591



61.7258, 0.2969, 0.2664



61.7258, 0.3410, 0.2876

Triad

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



61.7258, 0.2969, 0.2664



61.7258, 0.3925, 0.3853



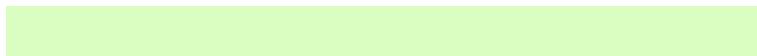
61.7258, 0.2495, 0.3347

Complementary

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



61.7258, 0.2969, 0.2664



88.9757, 0.3253, 0.3931

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.



61.7258, 0.2817, 0.3763



61.7258, 0.2969, 0.2664



61.7258, 0.3646, 0.4050

Square

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



61.7258, 0.2969, 0.2664



61.7258, 0.3984, 0.3535



61.7258, 0.3238, 0.4030



61.7258, 0.2340, 0.2949

Rectangle

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



61.7258, 0.2969, 0.2664



61.7258, 0.3680, 0.3075



61.7258, 0.3238, 0.4030



61.7258, 0.2586, 0.3492

Sweetspot

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



61.7284, 0.2969, 0.2664



87.7537, 0.3087, 0.3116



68.5641, 0.2744, 0.2904



18.5678, 0.3083, 0.3100



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.



61.7284, 0.2969, 0.2664



57.3895, 0.2934, 0.2541



65.7933, 0.3191, 0.2744



17.9017, 0.3071, 0.3051



7.1960, 0.2194, 0.0982



0.7648, 0.2306, 0.1044

Inverse Universe

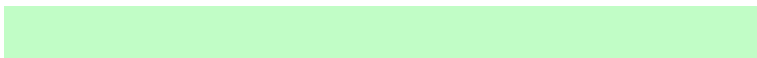
The Inverse Universe completely reimagines the original color for something new.



64.0776, 0.3420, 0.3035



60.1948, 0.3489, 0.2986



85.6425, 0.3068, 0.3904



18.1124, 0.3229, 0.3191



11.6818, 0.5318, 0.2703



1.1586, 0.5023, 0.2541

Previews

White Background



This preview shows how the Yxy color 61.7258, 0.2969, 0.2664 looks on a white background.

Color Contrast Check

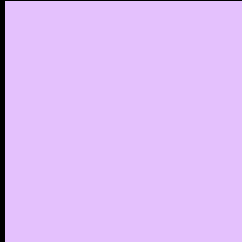
Large Text (above 18pt) WCAG AA × Fail

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 61.7258, 0.2969, 0.2664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

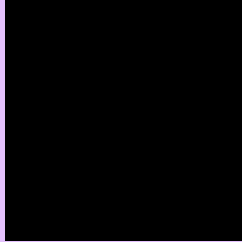
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7258, 0.2969, 0.2664

Background



This preview shows how black text looks on a background with the Yxy color 61.7258, 0.2969, 0.2664.

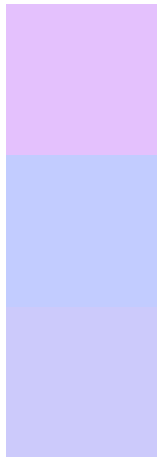


This preview shows how white text looks on a background with the Yxy color 61.7258, 0.2969, 0.2664.

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

61.7258, 0.2969, 0.2664

Protanopia

61.8751, 0.2726, 0.2725

Deuteranopia

62.0435, 0.2815, 0.2753



Tritanopia

61.7960, 0.3182, 0.3113

Trichromacy



Original Color

61.7258, 0.2969, 0.2664

Protanomaly

61.5861, 0.2809, 0.2703

Deuteranomaly

62.0213, 0.2869, 0.2719

Tritanomaly

61.4369, 0.3105, 0.2942

Monochromacy



Original Color

61.7258, 0.2969, 0.2664

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.4284, 0.3071, 0.3047

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7258, 0.2969, 0.2664 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(228, 193, 253)` looks like.

```
.text, #text, p{  
    color:rgb(228, 193, 253)  
}
```

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(228, 193, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 193, 253) }
```

Border

The CSS property to change the border of an element to Yxy 61.7258, 0.2969, 0.2664 is called "border". The border property can be set on classes, ids or directly on the HTML element.

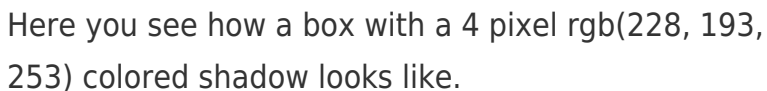
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 193, 253) }
```

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

```
.border{ border-color:rgb(228, 193, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 193, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 193, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 193, 253); box-shadow:4px 4px 4px 4px rgb(228, 193, 253) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7258, 0.2969, 0.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 193, 253) }
```

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

```
.background{ background-color: rgb(228,  
193, 253) }
```

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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