

Converting Colors

Yxy(61.3171, 0.2927, 0.2642)

Have a look what the booklet for
Yxy(61.3171, 0.2927, 0.2642)
contains.

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Color

Yxy(61.2072, 0.2926, 0.2639)

Conversions

Conversions Part 1

Format	Color
Hex	E0C1FF
RGB	224, 193, 255
RGB Percent	88%, 76%, 100%
CMY	0.1215, 0.2431, 0.0000
CMYK	0.12, 0.24, 0.00, 0.00
HSL	270°, 100%, 88%
HSV	270°, 24%, 100%
XYZ	67.8637, 61.2072, 102.8624
YIQ	209.3370, -1.4260, 25.8540

Conversions

Conversions Part 2

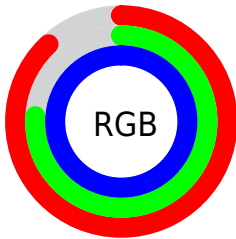
Format	Color
R _Y B	224, 193, 255
Decimal	14729727
CIE Lab	82.49, 22.37, -26.43
CIE LCh	82, 34.626, 310.236
Yxy	61.2072, 0.2926, 0.2639
Android (android.graphics.Color)	4292919807 (0xFFE0C1FF)
YUV	209.3370, 22.5119, 12.8595
Hunter-Lab	78.2350, 17.9256, -23.1892

Details

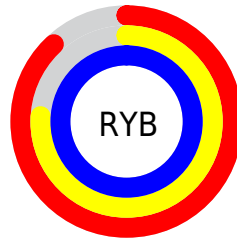
The Yxy color **61.2072, 0.2926, 0.2639** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.2169, 0.3290, 0.3942**, and the grayscale version is **63.8434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **30.8673, 0.2870, 0.2490** is the 20% darker color. If you saturate the color by 10%, you get **48.9281, 0.2821, 0.2344**, and if you desaturate by 10%, it is **75.5850, 0.3018, 0.2921**.

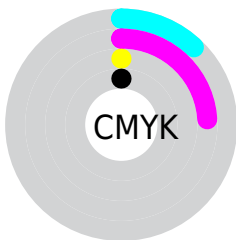
Distribution



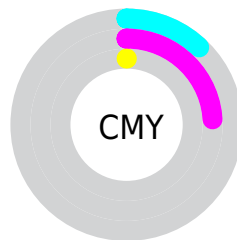
- Red (88%)
- Green (76%)
- Blue (100%)



- Red (88%)
- Yellow (76%)
- Blue (100%)



- Cyan (12%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2072, 0.2926, 0.2639 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 61.2072, 0.2926, 0.2639 by changing the saturation by 10% instead.


 61.2072, 0.2926,
0.2639

 61.2072, 0.2926,
0.2639


429.0333, 0.3026,
0.2934

 44.3924, 0.2902,
0.2573


 106.5789, 0.2962,
0.2740

 30.9791, 0.2871,
0.2493


135.9046, 0.2975,
0.2780

 20.5830, 0.2831,
0.2393


170.1693, 0.2987,
0.2814

 12.8195, 0.2778,
0.2265

209.7576, 0.2997,
0.2844

 7.3044, 0.2702,
0.2096

255.0537, 0.3006,
0.2871

 3.6532, 0.2589,
0.1864

306.4421, 0.3013,

 1.4815, 0.2404,

0.2894

0.1531

364.3072, 0.3020,
0.2915

0.2757, 0.2136,
0.0729

0.0000, 0.0000,
0.0000

61.2072, 0.2926,
0.2639

61.2072, 0.2926,
0.2639

48.9281, 0.2821,
0.2344

75.5850, 0.3018,
0.2921

38.6413, 0.2704,
0.2043

92.1538, 0.3097,
0.3184

30.2357, 0.2577,
0.1749

100.0000, 0.3127,
0.3290

23.5880, 0.2444,
0.1477

■ 18.5592, 0.2310,
0.1242

■ 14.9885, 0.2182,
0.1057

■ 12.6794, 0.2065,
0.0929

■ 11.7720, 0.2004,
0.0878

Harmonies

Analogous

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



61.2072, 0.2560, 0.2579



61.2072, 0.2926, 0.2639



61.2072, 0.3374, 0.2844

Triad

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



61.2072, 0.2926, 0.2639



61.2072, 0.3958, 0.3837



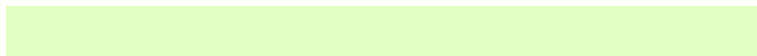
61.2072, 0.2506, 0.3389

Complementary

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



61.2072, 0.2926, 0.2639



91.2169, 0.3290, 0.3942

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.



61.2072, 0.2848, 0.3807



61.2072, 0.2926, 0.2639



61.2072, 0.3689, 0.4055

Square

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



61.2072, 0.2926, 0.2639



61.2072, 0.3995, 0.3506



61.2072, 0.3280, 0.4059



61.2072, 0.2331, 0.2974

Rectangle

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



61.2072, 0.2926, 0.2639



61.2072, 0.3657, 0.3041



61.2072, 0.3280, 0.4059



61.2072, 0.2604, 0.3536

Sweetspot

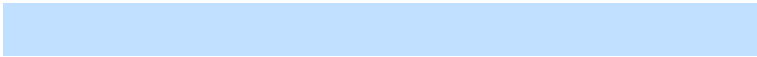
The Sweet Spot groups the original color and five complimentary colors.



61.2084, 0.2926, 0.2639



87.4819, 0.3077, 0.3115



71.8691, 0.2739, 0.2951



18.5049, 0.3072, 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.



61.2084, 0.2926, 0.2639



55.1982, 0.2879, 0.2502



66.6203, 0.3156, 0.2683



17.8240, 0.3058, 0.3050



6.2399, 0.2021, 0.0887



0.6725, 0.2143, 0.0954

Inverse Universe

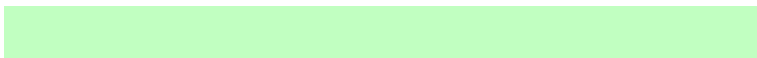
The Inverse Universe completely reimagines the original color for something new.



64.7819, 0.3389, 0.2976



59.3911, 0.3454, 0.2913



86.7079, 0.3095, 0.3982



18.1386, 0.3215, 0.3172



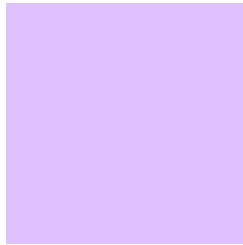
11.9462, 0.4965, 0.2509



1.1852, 0.4710, 0.2368

Previews

White Background



This preview shows how the Yxy color 61.2072, 0.2926, 0.2639 looks on a white background.

Color Contrast Check

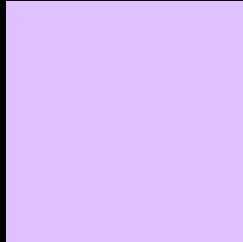
Large Text (above 18pt) WCAG AA × Fail

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 61.2072, 0.2926, 0.2639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

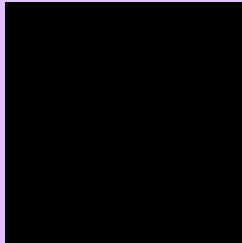
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2072, 0.2926, 0.2639

Background



This preview shows how black text looks on a background with the Yxy color 61.2072, 0.2926, 0.2639.

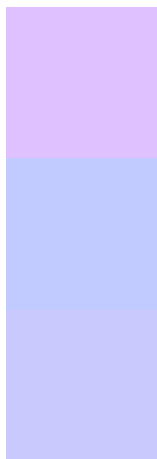


This preview shows how white text looks on a background with the Yxy color 61.2072, 0.2926, 0.2639.

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

61.2072, 0.2926, 0.2639

Protanopia

61.2693, 0.2718, 0.2713

Deuteranopia

61.2826, 0.2781, 0.2718



Tritanopia

61.1718, 0.3151, 0.3111

Trichromacy



Original Color

61.2072, 0.2926, 0.2639

Protanomaly

60.9042, 0.2788, 0.2679

Deuteranomaly

61.0992, 0.2828, 0.2684

Tritanomaly

60.8613, 0.3067, 0.2928

Monochromacy



Original Color

61.2072, 0.2926, 0.2639

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.4990, 0.3049, 0.3034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2072, 0.2926, 0.2639 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(224, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 193, 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(224, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.2072, 0.2926, 0.2639 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(224, 193, 255) }
```

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

```
.border{ border-color:rgb(224, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 193,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2072, 0.2926, 0.2639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 193, 255) }
```

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

```
.background{ background-color: rgb(224,  
193, 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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