

Converting Colors

Yxy(61.4712, 0.2967, 0.2632)

Have a look what the booklet for
Yxy(61.4712, 0.2967, 0.2632)
contains.

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Color

Yxy(61.7423, 0.2970, 0.2637)

Conversions

Conversions Part 1

Format	Color
Hex	E6C0FF
RGB	230, 192, 255
RGB Percent	90%, 75%, 100%
CMY	0.0979, 0.2471, 0.0000
CMYK	0.10, 0.25, 0.00, 0.00
HSL	276°, 100%, 88%
HSV	276°, 25%, 100%
XYZ	69.5391, 61.7423, 102.8570
YIQ	210.5440, 2.4250, 27.6490

Conversions

Conversions Part 2

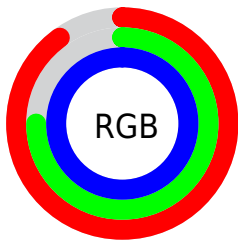
Format	Color
R _Y B	230, 192, 255
Decimal	15122687
CIE Lab	82.78, 24.78, -25.94
CIE LCh	83, 35.872, 313.695
Yxy	61.7423, 0.2970, 0.2637
Android (android.graphics.Color)	4293312767 (0xFFE6C0FF)
YUV	210.5440, 21.9168, 17.0629
Hunter-Lab	78.5763, 20.4620, -22.6077

Details

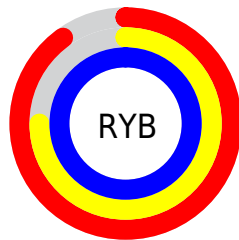
The Yxy color **61.7423, 0.2970, 0.2637** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.0698, 0.3250, 0.3963**, and the grayscale version is **64.6801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **31.2528, 0.2927, 0.2490** is the 20% darker color. If you saturate the color by 10%, you get **49.8767, 0.2888, 0.2351**, and if you desaturate by 10%, it is **75.6499, 0.3041, 0.2913**.

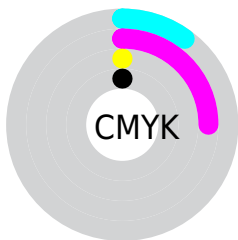
Distribution



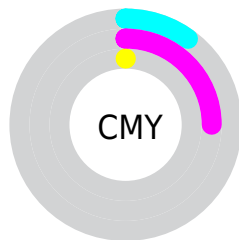
- Red (90%)
- Green (75%)
- Blue (100%)



- Red (90%)
- Yellow (75%)
- Blue (100%)



- Cyan (10%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)




- Cyan (10%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7423, 0.2970, 0.2637 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 61.7423, 0.2970, 0.2637 by changing the saturation by 10% instead.


 61.7423, 0.2970,
0.2637

 61.7423, 0.2970,
0.2637


430.9905, 0.3049,
0.2932

 44.8245, 0.2950,
0.2572

 107.3530, 0.2999,
0.2738

 31.3192, 0.2925,
0.2492

136.8147, 0.3010,
0.2778

 20.8420, 0.2893,
0.2392


171.2265, 0.3019,
0.2812

 13.0086, 0.2849,
0.2265

210.9727, 0.3027,
0.2842

 7.4345, 0.2785,
0.2098

256.4379, 0.3034,
0.2869

 3.7353, 0.2690,
0.1869

308.0063, 0.3039,

 1.5266, 0.2531,

0.2892

0.1542

366.0623, 0.3045,
0.2913

0.3073, 0.2301,
0.0787

0.0000, 0.0000,
0.0000

61.7423, 0.2970,
0.2637

61.7423, 0.2970,
0.2637

49.8767, 0.2888,
0.2351

75.6499, 0.3041,
0.2913

39.9435, 0.2796,
0.2064

91.6861, 0.3102,
0.3174

31.8348, 0.2695,
0.1788

99.9998, 0.3127,
0.3290

25.4285, 0.2588,
0.1536

■ 20.5869, 0.2480,
0.1322

■ 17.1500, 0.2373,
0.1155

■ 14.9217, 0.2273,
0.1042

■ 14.0846, 0.2223,
0.0998

Harmonies

Analogous

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



61.7423, 0.2578, 0.2556



61.7423, 0.2970, 0.2637



61.7423, 0.3435, 0.2862

Triad

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



61.7423, 0.2970, 0.2637



61.7423, 0.3963, 0.3887



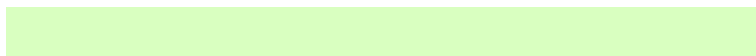
61.7423, 0.2456, 0.3338

Complementary

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



61.7423, 0.2970, 0.2637



90.0698, 0.3250, 0.3963

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.



61.7423, 0.2790, 0.3781



61.7423, 0.2970, 0.2637



61.7423, 0.3663, 0.4094

Square

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



61.7423, 0.2970, 0.2637



61.7423, 0.4033, 0.3553



61.7423, 0.3231, 0.4070



61.7423, 0.2299, 0.2921

Rectangle

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



61.7423, 0.2970, 0.2637



61.7423, 0.3719, 0.3071



61.7423, 0.3231, 0.4070



61.7423, 0.2550, 0.3492

Sweetspot

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



61.7449, 0.2970, 0.2637



87.8183, 0.3089, 0.3116



68.1524, 0.2726, 0.2874



18.5828, 0.3085, 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.



61.7449, 0.2970, 0.2637



55.2170, 0.2928, 0.2486



65.7772, 0.3202, 0.2730



17.9202, 0.3074, 0.3051



7.4488, 0.2238, 0.1006



0.7887, 0.2346, 0.1066

Inverse Universe

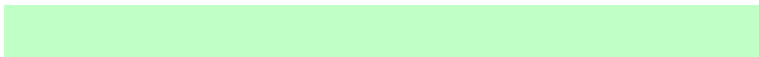
The Inverse Universe completely reimagines the original color for something new.



63.9643, 0.3446, 0.3036



57.8944, 0.3536, 0.2978



86.8150, 0.3060, 0.3922



18.1063, 0.3232, 0.3196



11.6277, 0.5399, 0.2748



1.1530, 0.5097, 0.2581

Previews

White Background



This preview shows how the Yxy color 61.7423, 0.2970, 0.2637 looks on a white background.

Color Contrast Check

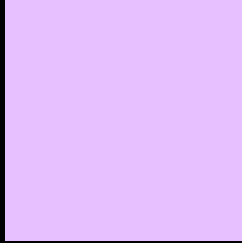
Large Text (above 18pt) WCAG AA × Fail

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 61.7423, 0.2970, 0.2637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

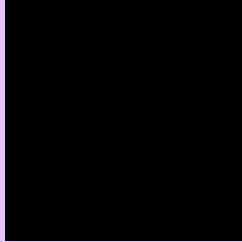
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7423, 0.2970, 0.2637

Background



This preview shows how black text looks on a background with the Yxy color 61.7423, 0.2970, 0.2637.

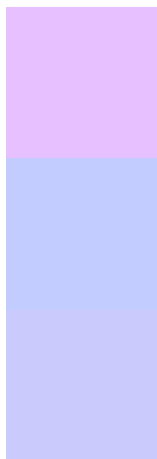


This preview shows how white text looks on a background with the Yxy color 61.7423, 0.2970, 0.2637.

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

61.7423, 0.2970, 0.2637

Protanopia

61.8751, 0.2726, 0.2725

Deuteranopia

62.0294, 0.2796, 0.2732



Tritanopia

61.6004, 0.3206, 0.3113

Trichromacy



Original Color

61.7423, 0.2970, 0.2637

Protanomaly

61.7940, 0.2809, 0.2694

Deuteranomaly

61.6901, 0.2856, 0.2689

Tritanomaly

61.3618, 0.3114, 0.2922

Monochromacy



Original Color

61.7423, 0.2970, 0.2637

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.6372, 0.3072, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7423, 0.2970, 0.2637 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(230, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 192, 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(230, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 192, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.7423, 0.2970, 0.2637 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(230, 192, 255) }
```

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

```
.border{ border-color:rgb(230, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 192,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7423, 0.2970, 0.2637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 192, 255) }
```

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

```
.background{ background-color: rgb(230,  
192, 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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