

Converting Colors

$Yxy(61.3860, 0.2902, 0.2739)$

Have a look what the booklet for
Yxy(61.3860, 0.2902, 0.2739)
contains.

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Color

Yxy(61.6748, 0.2902, 0.2740)

Conversions

Conversions Part 1

Format	Color
Hex	D7C6F9
RGB	215, 198, 249
RGB Percent	84%, 78%, 98%
CMY	0.1568, 0.2235, 0.0235
CMYK	0.14, 0.20, 0.00, 0.02
HSL	260°, 81%, 88%
HSV	260°, 20%, 98%
XYZ	65.3213, 61.6748, 98.0944
YIQ	208.8970, -6.2390, 19.4650

Conversions

Conversions Part 2

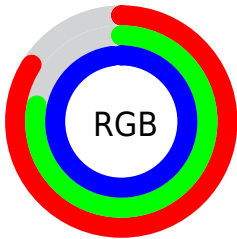
Format	Color
R _Y B	215, 198, 249
Decimal	14141177
CIE Lab	82.74, 15.64, -22.92
CIE LCh	83, 27.747, 304.300
Yxy	61.6748, 0.2902, 0.2740
Android (android.graphics.Color)	4292331257 (0xFFD7C6F9)
YUV	208.8970, 19.7708, 5.3523
Hunter-Lab	78.5333, 11.0368, -19.0847

Details

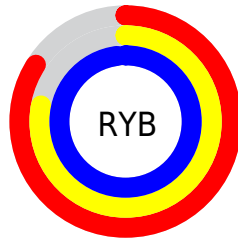
The Yxy color **61.6748, 0.2902, 0.2740** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.9928, 0.3322, 0.3822**, and the grayscale version is **63.5644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.2259, 0.2848, 0.2617** is the 20% darker color. If you saturate the color by 10%, you get **48.8276, 0.2767, 0.2436**, and if you desaturate by 10%, it is **76.6533, 0.3020, 0.3022**.

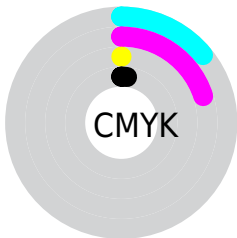
Distribution



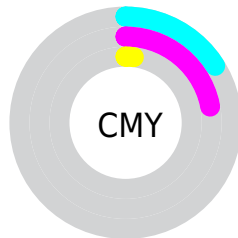
- Red (84%)
- Green (78%)
- Blue (98%)



- Red (84%)
- Yellow (78%)
- Blue (98%)



- Cyan (14%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (22%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6748, 0.2902, 0.2740 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 61.6748, 0.2902, 0.2740 by changing the saturation by 10% instead.

61.6748, 0.2902,
0.2740

61.6748, 0.2902,
0.2740

430.7439, 0.3011,
0.2992

44.7700, 0.2876,
0.2683

107.2554, 0.2941,
0.2827

31.2763, 0.2843,
0.2613

136.6999, 0.2956,
0.2861

20.8093, 0.2801,
0.2525

171.0932, 0.2968,
0.2890

12.9847, 0.2744,
0.2412

210.8196, 0.2979,
0.2916

7.4180, 0.2665,
0.2260

256.2634, 0.2989,
0.2939

3.7249, 0.2547,
0.2048

307.8092, 0.2997,

1.5209, 0.2355,

0.2958

0.1735

365.8412, 0.3005,
0.2976

0.3034, 0.2051,
0.0929

0.0000, 0.0000,
0.0000

61.6748, 0.2902,
0.2740

61.6748, 0.2902,
0.2740

48.8276, 0.2767,
0.2436

76.6533, 0.3020,
0.3022

38.0052, 0.2617,
0.2118

93.8478, 0.3123,
0.3278

29.1031, 0.2455,
0.1796

99.6204, 0.3162,
0.3347

22.0042, 0.2287,
0.1487

■ 16.5785, 0.2121,
0.1211

■ 12.6774, 0.1966,
0.0985

■ 10.1245, 0.1832,
0.0823

■ 8.6816, 0.1729,
0.0726

Harmonies

Analogous

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



61.6748, 0.2624, 0.2721



61.6748, 0.2902, 0.2740



61.6748, 0.3256, 0.2886

Triad

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



61.6748, 0.2902, 0.2740



61.6748, 0.3814, 0.3691



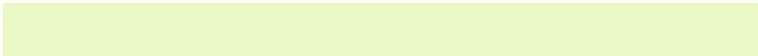
61.6748, 0.2673, 0.3441

Complementary

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



61.6748, 0.2902, 0.2740



88.9928, 0.3322, 0.3822

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.



61.6748, 0.2972, 0.3750



61.6748, 0.2902, 0.2740



61.6748, 0.3636, 0.3882

Square

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



61.6748, 0.2902, 0.2740



61.6748, 0.3799, 0.3415



61.6748, 0.3325, 0.3914



61.6748, 0.2498, 0.3103

Rectangle

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



61.6748, 0.2902, 0.2740



61.6748, 0.3488, 0.3039



61.6748, 0.3325, 0.3914



61.6748, 0.2762, 0.3554

Sweetspot

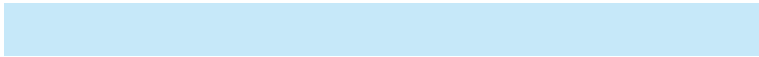
The Sweet Spot groups the original color and five complimentary colors.



61.6774, 0.2902, 0.2740



88.7407, 0.3068, 0.3140



76.5644, 0.2808, 0.3105



18.7430, 0.3061, 0.3123



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.



61.6774, 0.2902, 0.2740



58.6639, 0.2843, 0.2604



65.8432, 0.3088, 0.2770



16.9242, 0.3031, 0.3048



4.7157, 0.1744, 0.0734



0.4922, 0.1872, 0.0805

Inverse Universe

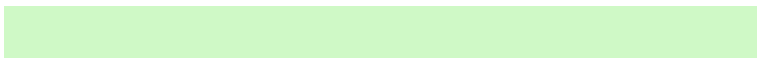
The Inverse Universe completely reimagines the original color for something new.



66.3563, 0.3275, 0.2943



64.5562, 0.3315, 0.2863



85.0308, 0.3154, 0.3850



17.4204, 0.3189, 0.3133



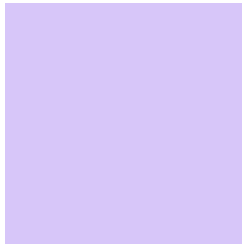
12.2808, 0.4276, 0.2129



1.1571, 0.4116, 0.2041

Previews

White Background



This preview shows how the Yxy color 61.6748, 0.2902, 0.2740 looks on a white background.

Color Contrast Check

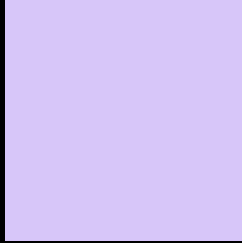
Large Text (above 18pt) WCAG AA × Fail

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 61.6748, 0.2902, 0.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

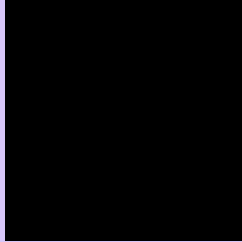
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6748, 0.2902, 0.2740

Background



This preview shows how black text looks on a background with the Yxy color 61.6748, 0.2902, 0.2740.



This preview shows how white text looks on a background with the Yxy color 61.6748, 0.2902, 0.2740.

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

61.6748, 0.2902, 0.2740

Protanopia

61.8797, 0.2744, 0.2746

Deuteranopia

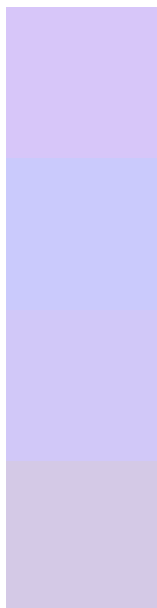
61.5297, 0.2839, 0.2773



Tritanopia

61.5280, 0.3068, 0.3108

Trichromacy



Original Color

61.6748, 0.2902, 0.2740

Protanomaly

61.8259, 0.2795, 0.2741

Deuteranomaly

61.6412, 0.2867, 0.2766

Tritanomaly

61.4835, 0.3007, 0.2967

Monochromacy



Original Color

61.6748, 0.2902, 0.2740

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.8933, 0.3040, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6748, 0.2902, 0.2740 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(215, 198, 249)` looks like.

```
.text, #text, p{  
    color:rgb(215, 198, 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(215, 198, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 198, 249) }
```

Border

The CSS property to change the border of an element to Yxy 61.6748, 0.2902, 0.2740 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(215, 198, 249) }
```

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

```
.border{ border-color:rgb(215, 198, 249) }
```

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

Here you see how a box with a 4 pixel rgb(215, 198, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 198, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 198, 249);  
box-shadow:4px 4px 4px 4px rgb(215, 198,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6748, 0.2902, 0.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 198, 249) }
```

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

```
.background{ background-color: rgb(215,  
198, 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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