

Converting Colors

$Y_{xy}(61.8250, 0.2927, 0.2695)$

Have a look what the booklet for
Yxy(61.8250, 0.2927, 0.2695)
contains.

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Color

Yxy(61.8803, 0.2925, 0.2696)

Conversions

Conversions Part 1

Format	Color
Hex	DDC4FC
RGB	221, 196, 252
RGB Percent	87%, 77%, 99%
CMY	0.1332, 0.2314, 0.0117
CMYK	0.12, 0.22, 0.00, 0.01
HSL	267°, 90%, 88%
HSV	267°, 22%, 99%
XYZ	67.1365, 61.8803, 100.5096
YIQ	209.8590, -3.0760, 22.7160

Conversions

Conversions Part 2

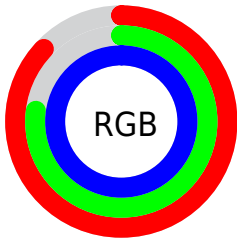
Format	Color
R _Y B	221, 196, 252
Decimal	14533884
CIE _{Lab}	82.85, 19.21, -24.31
CIE _{LCh}	83, 30.983, 308.327
Yxy	61.8803, 0.2925, 0.2696
Android (android.graphics.Color)	4292723964 (0xFFDDC4FC)
YUV	209.8590, 20.7755, 9.7707
Hunter-Lab	78.6640, 14.6802, -20.6904

Details

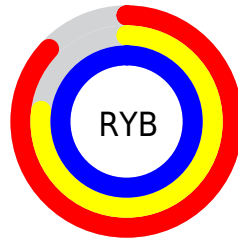
The Yxy color **61.8803, 0.2925, 0.2696** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.9406, 0.3296, 0.3878**, and the grayscale version is **64.2178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **31.2855, 0.2869, 0.2561** is the 20% darker color. If you saturate the color by 10%, you get **49.3550, 0.2811, 0.2398**, and if you desaturate by 10%, it is **76.5018, 0.3024, 0.2977**.

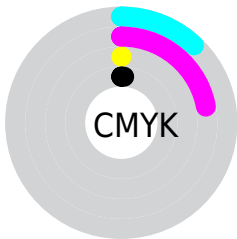
Distribution



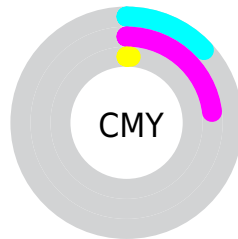
- Red (87%)
- Green (77%)
- Blue (99%)



- Red (87%)
- Yellow (77%)
- Blue (99%)



- Cyan (12%)
- Magenta (22%)
- Yellow (0%)
- Black (1%)





- Cyan (13%)
- Magenta (23%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8803, 0.2925, 0.2696 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 61.8803, 0.2925, 0.2696 by changing the saturation by 10% instead.


 61.8803, 0.2925,
0.2696

 61.8803, 0.2925,
0.2696


431.4943, 0.3024,
0.2967

 44.9360, 0.2901,
0.2635


107.5525, 0.2960,
0.2789

 31.4070, 0.2871,
0.2561


137.0492, 0.2974,
0.2825

 20.9090, 0.2832,
0.2468


171.4988, 0.2985,
0.2857

 13.0575, 0.2780,
0.2349

211.2857, 0.2995,
0.2884

 7.4681, 0.2706,
0.2191

256.7943, 0.3004,
0.2909

 3.7566, 0.2595,
0.1971

308.4090, 0.3012,

 1.5383, 0.2416,

0.2930

0.1652

366.5142, 0.3018,
0.2949

0.3155, 0.2148,
0.0881

0.0000, 0.0000,
0.0000

61.8803, 0.2925,
0.2696

61.8803, 0.2925,
0.2696

49.3550, 0.2811,
0.2398

76.5018, 0.3024,
0.2977

38.8184, 0.2684,
0.2091

93.3047, 0.3110,
0.3236

30.1650, 0.2546,
0.1787

99.8090, 0.3144,
0.3318

23.2761, 0.2401,
0.1500

■ 18.0190, 0.2256,
0.1247

■ 14.2412, 0.2117,
0.1044

■ 11.7593, 0.1991,
0.0899

■ 10.5146, 0.1906,
0.0823

Harmonies

Analogous

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



61.8803, 0.2602, 0.2653



61.8803, 0.2925, 0.2696



61.8803, 0.3324, 0.2874

Triad

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



61.8803, 0.2925, 0.2696



61.8803, 0.3877, 0.3768



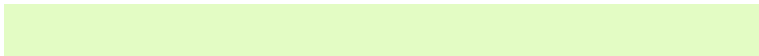
61.8803, 0.2587, 0.3405

Complementary

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



61.8803, 0.2925, 0.2696



89.9406, 0.3296, 0.3878

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.



61.8803, 0.2903, 0.3767



61.8803, 0.2925, 0.2696



61.8803, 0.3652, 0.3966

Square

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



61.8803, 0.2925, 0.2696



61.8803, 0.3894, 0.3468



61.8803, 0.3292, 0.3978



61.8803, 0.2417, 0.3033

Rectangle

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



61.8803, 0.2925, 0.2696



61.8803, 0.3577, 0.3049



61.8803, 0.3292, 0.3978



61.8803, 0.2679, 0.3534

Sweetspot

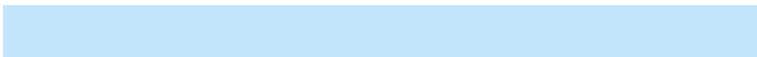
The Sweet Spot groups the original color and five complimentary colors.



61.8829, 0.2925, 0.2696



87.3106, 0.3071, 0.3115



74.1065, 0.2777, 0.3026



18.4652, 0.3066, 0.3099



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.



61.8829, 0.2925, 0.2696



57.1402, 0.2872, 0.2555



66.5135, 0.3125, 0.2731



17.0227, 0.3049, 0.3050



5.5611, 0.1923, 0.0833



0.5769, 0.2054, 0.0905

Inverse Universe

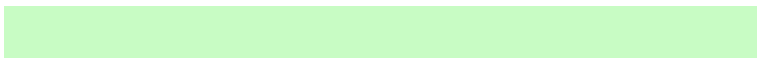
The Inverse Universe completely reimagines the original color for something new.



65.7198, 0.3338, 0.2975



61.8355, 0.3396, 0.2904



85.8553, 0.3121, 0.3910



17.3859, 0.3207, 0.3160



11.7876, 0.4738, 0.2384



1.1131, 0.4504, 0.2255

Previews

White Background



This preview shows how the Yxy color 61.8803, 0.2925, 0.2696 looks on a white background.

Color Contrast Check

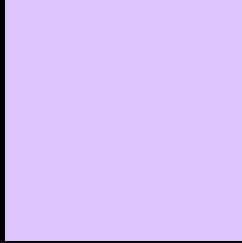
Large Text (above 18pt) WCAG AA × Fail

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 61.8803, 0.2925, 0.2696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

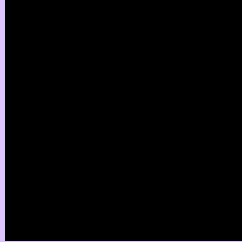
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8803, 0.2925, 0.2696

Background



This preview shows how black text looks on a background with the Yxy color 61.8803, 0.2925, 0.2696.

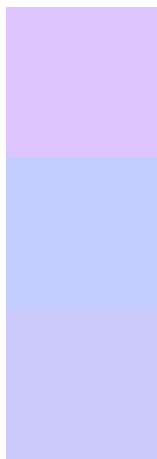


This preview shows how white text looks on a background with the Yxy color 61.8803, 0.2925, 0.2696.

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

61.8803, 0.2925, 0.2696

Protanopia

61.8751, 0.2726, 0.2725

Deuteranopia

62.0435, 0.2815, 0.2753



Tritanopia

61.7501, 0.3113, 0.3110

Trichromacy



Original Color

61.8803, 0.2925, 0.2696

Protanomaly

61.7664, 0.2796, 0.2712

Deuteranomaly

61.9752, 0.2855, 0.2737

Tritanomaly

61.7734, 0.3044, 0.2959

Monochromacy



Original Color

61.8803, 0.2925, 0.2696

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.3950, 0.3055, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8803, 0.2925, 0.2696 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(221, 196, 252)` looks like.

```
.text, #text, p{  
    color:rgb(221, 196, 252)  
}
```

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(221, 196, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 196, 252) }
```

Border

The CSS property to change the border of an element to Yxy 61.8803, 0.2925, 0.2696 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(221, 196, 252) }
```

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

```
.border{ border-color:rgb(221, 196, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 196, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 196, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 196, 252); box-shadow:4px 4px 4px 4px rgb(221, 196, 252) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8803, 0.2925, 0.2696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 196, 252) }
```

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

```
.background{ background-color: rgb(221,  
196, 252) }
```

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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