

Converting Colors

Yxy(61.9424, 0.2993, 0.2857)

Have a look what the booklet for
Yxy(61.9424, 0.2993, 0.2857)
contains.

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Color

Yxy(61.9843, 0.2990, 0.2855)

Conversions

Conversions Part 1

Format	Color
Hex	DAC7EF
RGB	218, 199, 239
RGB Percent	85%, 78%, 94%
CMY	0.1451, 0.2196, 0.0627
CMYK	0.09, 0.17, 0.00, 0.06
HSL	268°, 56%, 86%
HSV	268°, 17%, 94%
XYZ	64.9153, 61.9843, 90.2083
YIQ	209.2410, -1.5160, 16.4680

Conversions

Conversions Part 2

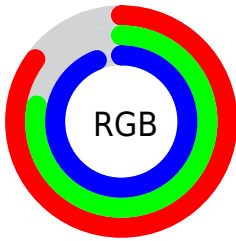
Format	Color
R _Y B	218, 199, 239
Decimal	14338031
CIE Lab	82.91, 14.01, -17.32
CIE LCh	83, 22.273, 308.975
Yxy	61.9843, 0.2990, 0.2855
Android (android.graphics.Color)	4292528111 (0xFFDAC7EF)
YUV	209.2410, 14.6712, 7.6816
Hunter-Lab	78.7301, 9.4007, -12.8229

Details

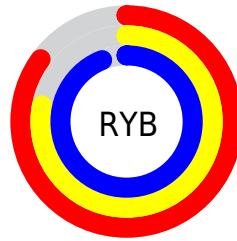
The Yxy color **61.9843, 0.2990, 0.2855** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.0799, 0.3247, 0.3724**, and the grayscale version is **63.8302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.4562, 0.2954, 0.2751** is the 20% darker color. If you saturate the color by 10%, you get **49.9750, 0.2890, 0.2569**, and if you desaturate by 10%, it is **75.8727, 0.3076, 0.3122**.

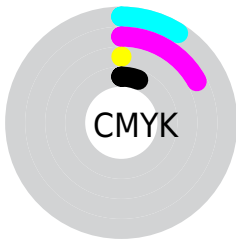
Distribution



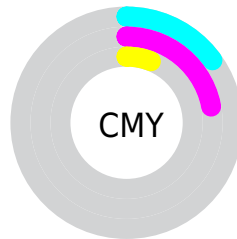
- Red (85%)
- Green (78%)
- Blue (94%)



- Red (85%)
- Yellow (78%)
- Blue (94%)



- Cyan (9%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9843, 0.2990, 0.2855 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 61.9843, 0.2990, 0.2855 by changing the saturation by 10% instead.

61.9843, 0.2990,
0.2855

61.9843, 0.2990,
0.2855

431.8738, 0.3057,
0.3056

45.0200, 0.2974,
0.2809

107.7028, 0.3014,
0.2925

31.4732, 0.2953,
0.2753

137.2259, 0.3023,
0.2952

20.9594, 0.2927,
0.2682

171.7040, 0.3031,
0.2975

13.0944, 0.2891,
0.2589

211.5215, 0.3038,
0.2995

7.4936, 0.2840,
0.2463

257.0628, 0.3043,
0.3013

3.7726, 0.2762,
0.2284

308.7124, 0.3049,

1.5472, 0.2632,

0.3029

0.2011

366.8546, 0.3053,
0.3043

0.3216, 0.2434,
0.1208

0.0000, 0.0000,
0.0000

61.9843, 0.2990,
0.2855

61.9843, 0.2990,
0.2855

49.9750, 0.2890,
0.2569

75.8727, 0.3076,
0.3122

39.7535, 0.2777,
0.2269

91.7107, 0.3150,
0.3368

31.2320, 0.2651,
0.1967

99.0124, 0.3220,
0.3444

24.3126, 0.2517,
0.1673

■ 18.8864, 0.2377,
0.1404

■ 14.8309, 0.2239,
0.1176

■ 12.0026, 0.2110,
0.1001

■ 10.2209, 0.1994,
0.0883

■ 9.7721, 0.1959,
0.0853

Harmonies

Analogous

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



61.9843, 0.2750, 0.2824



61.9843, 0.2990, 0.2855



61.9843, 0.3277, 0.2989

Triad

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



61.9843, 0.2990, 0.2855



61.9843, 0.3665, 0.3647



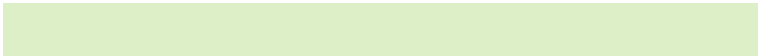
61.9843, 0.2732, 0.3370

Complementary

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



61.9843, 0.2990, 0.2855



81.0799, 0.3247, 0.3724

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.



61.9843, 0.2963, 0.3622



61.9843, 0.2990, 0.2855



61.9843, 0.3504, 0.3778

Square

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



61.9843, 0.2990, 0.2855



61.9843, 0.3677, 0.3433



61.9843, 0.3245, 0.3774



61.9843, 0.2607, 0.3106

Rectangle

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



61.9843, 0.2990, 0.2855



61.9843, 0.3456, 0.3121



61.9843, 0.3245, 0.3774



61.9843, 0.2800, 0.3460

Sweetspot

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



61.9869, 0.2990, 0.2855



90.8848, 0.3090, 0.3166



69.7408, 0.2865, 0.3082



19.1888, 0.3084, 0.3148



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.



61.9869, 0.2990, 0.2855



66.9333, 0.2958, 0.2761



65.2034, 0.3137, 0.2874



15.5966, 0.3054, 0.3051



5.4769, 0.1975, 0.0862



0.5144, 0.2120, 0.0941

Inverse Universe

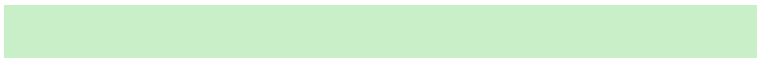
The Inverse Universe completely reimagines the original color for something new.



64.3708, 0.3286, 0.3068



70.2037, 0.3324, 0.3021



78.1871, 0.3115, 0.3741



15.8976, 0.3211, 0.3167



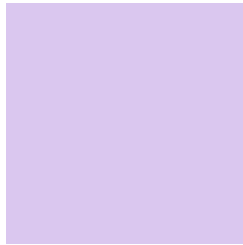
10.9941, 0.4851, 0.2446



0.9347, 0.4575, 0.2294

Previews

White Background



This preview shows how the Yxy color 61.9843, 0.2990, 0.2855 looks on a white background.

Color Contrast Check

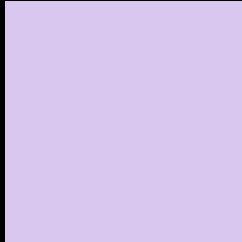
Large Text (above 18pt) WCAG AA × Fail

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 61.9843, 0.2990, 0.2855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

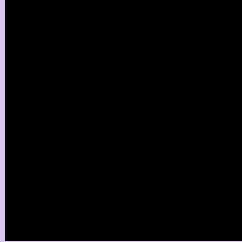
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9843, 0.2990, 0.2855

Background



This preview shows how black text looks on a background with the Yxy color 61.9843, 0.2990, 0.2855.



This preview shows how white text looks on a background with the Yxy color 61.9843, 0.2990, 0.2855.

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

61.9843, 0.2990, 0.2855

Protanopia

62.2758, 0.2832, 0.2864

Deuteranopia

61.8542, 0.2939, 0.2871



Tritanopia

62.2734, 0.3105, 0.3111

Trichromacy



Original Color

61.9843, 0.2990, 0.2855

Protanomaly

62.2445, 0.2885, 0.2858

Deuteranomaly

61.8367, 0.2961, 0.2862

Tritanomaly

62.3310, 0.3064, 0.3024

Monochromacy



Original Color

61.9843, 0.2990, 0.2855

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.8270, 0.3075, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9843, 0.2990, 0.2855 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(218, 199, 239)` looks like.

```
.text, #text, p{  
    color:rgb(218, 199, 239)  
}
```

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(218, 199, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 199, 239) }
```

Border

The CSS property to change the border of an element to Yxy 61.9843, 0.2990, 0.2855 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(218, 199, 239) }
```

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

```
.border{ border-color:rgb(218, 199, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 199, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 199, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 199, 239);  
box-shadow:4px 4px 4px 4px rgb(218, 199,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9843, 0.2990, 0.2855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 199, 239) }
```

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

```
.background{ background-color: rgb(218,  
199, 239) }
```

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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