

Converting Colors

Yxy(61.3646, 0.2973, 0.2814)

Have a look what the booklet for
Yxy(61.3646, 0.2973, 0.2814)
contains.

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Color

Yxy(61.1888, 0.2976, 0.2812)

Conversions

Conversions Part 1

Format	Color
Hex	DAC5F1
RGB	218, 197, 241
RGB Percent	85%, 77%, 95%
CMY	0.1452, 0.2274, 0.0547
CMYK	0.10, 0.18, 0.00, 0.05
HSL	269°, 61%, 86%
HSV	269°, 18%, 95%
XYZ	64.7574, 61.1888, 91.6526
YIQ	208.2950, -1.6080, 18.1360

Conversions

Conversions Part 2

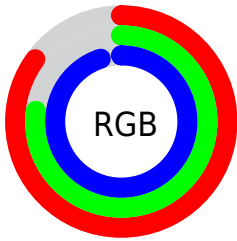
Format	Color
R _{YB}	218, 197, 241
Decimal	14337521
CIE Lab	82.48, 15.48, -19.05
CIE LCh	82, 24.546, 309.111
Yxy	61.1888, 0.2976, 0.2812
Android (android.graphics.Color)	4292527601 (0xFFDAC5F1)
YUV	208.2950, 16.1236, 8.5113
Hunter-Lab	78.2233, 10.8812, -14.7126

Details

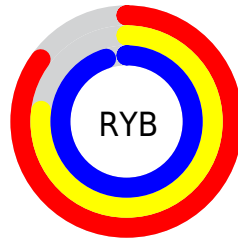
The Yxy color **61.1888, 0.2976, 0.2812** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.1972, 0.3257, 0.3767**, and the grayscale version is **63.1732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **30.9342, 0.2936, 0.2697** is the 20% darker color. If you saturate the color by 10%, you get **49.2327, 0.2874, 0.2523**, and if you desaturate by 10%, it is **75.0486, 0.3064, 0.3083**.

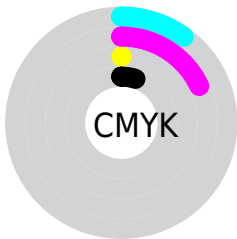
Distribution



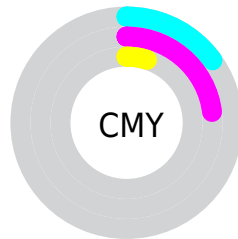
- Red (85%)
- Green (77%)
- Blue (95%)



- Red (85%)
- Yellow (77%)
- Blue (95%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (23%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1888, 0.2976, 0.2812 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 61.1888, 0.2976, 0.2812 by changing the saturation by 10% instead.

61.1888, 0.2976,
0.2812

61.1888, 0.2976,
0.2812

428.9659, 0.3050,
0.3033

44.3776, 0.2958,
0.2762

106.5523, 0.3003,
0.2888

30.9674, 0.2935,
0.2700

135.8733, 0.3013,
0.2918

20.5741, 0.2906,
0.2622

170.1330, 0.3021,
0.2944

12.8130, 0.2866,
0.2521

209.7158, 0.3029,
0.2966

7.2999, 0.2809,
0.2385

255.0061, 0.3035,
0.2986

3.6504, 0.2722,
0.2191

306.3883, 0.3041,

1.4800, 0.2577,

0.3003

0.1898

364.2468, 0.3046,
0.3019

0.2746, 0.2358,
0.1013

0.0000, 0.0000,
0.0000

61.1888, 0.2976,
0.2812

61.1888, 0.2976,
0.2812

49.2327, 0.2874,
0.2523

75.0486, 0.3064,
0.3083

39.0862, 0.2759,
0.2223

90.8849, 0.3139,
0.3331

30.6588, 0.2632,
0.1920

99.1337, 0.3208,
0.3424

23.8488, 0.2497,
0.1630

■ 18.5433, 0.2358,
0.1367

■ 14.6144, 0.2221,
0.1146

■ 11.9116, 0.2093,
0.0980

■ 10.2244, 0.1980,
0.0870

■ 9.9845, 0.1961,
0.0854

Harmonies

Analogous

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



61.1888, 0.2712, 0.2777



61.1888, 0.2976, 0.2812



61.1888, 0.3294, 0.2959

Triad

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



61.1888, 0.2976, 0.2812



61.1888, 0.3722, 0.3683



61.1888, 0.2690, 0.3376

Complementary

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



61.1888, 0.2976, 0.2812



82.1972, 0.3257, 0.3767

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.



61.1888, 0.2943, 0.3658



61.1888, 0.2976, 0.2812



61.1888, 0.3542, 0.3831

Square

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



61.1888, 0.2976, 0.2812



61.1888, 0.3737, 0.3446



61.1888, 0.3255, 0.3828



61.1888, 0.2554, 0.3084

Rectangle

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



61.1888, 0.2976, 0.2812



61.1888, 0.3493, 0.3104



61.1888, 0.3255, 0.3828



61.1888, 0.2764, 0.3476

Sweetspot

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



61.1914, 0.2976, 0.2812



90.8885, 0.3090, 0.3166



69.6714, 0.2840, 0.3061



19.1897, 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.



61.1914, 0.2976, 0.2812



64.1276, 0.2939, 0.2704



64.7408, 0.3137, 0.2835



15.5979, 0.3054, 0.3051



5.4912, 0.1978, 0.0863



0.5157, 0.2122, 0.0943

Inverse Universe

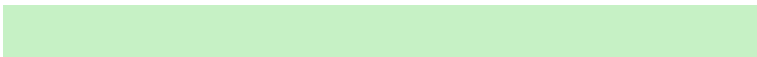
The Inverse Universe completely reimagines the original color for something new.



63.8157, 0.3304, 0.3047



67.6781, 0.3348, 0.2994



79.0404, 0.3113, 0.3788



15.8972, 0.3211, 0.3167



10.9886, 0.4858, 0.2450



0.9343, 0.4581, 0.2297

Previews

White Background



This preview shows how the Yxy color 61.1888, 0.2976, 0.2812 looks on a white background.

Color Contrast Check

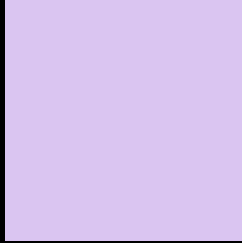
Large Text (above 18pt) WCAG AA × Fail

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 61.1888, 0.2976, 0.2812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

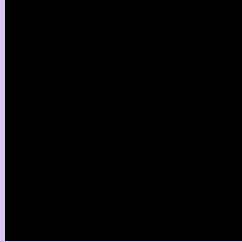
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1888, 0.2976, 0.2812

Background



This preview shows how black text looks on a background with the Yxy color 61.1888, 0.2976, 0.2812.



This preview shows how white text looks on a background with the Yxy color 61.1888, 0.2976, 0.2812.

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

61.1888, 0.2976, 0.2812

Protanopia

61.1748, 0.2804, 0.2819

Deuteranopia

61.0097, 0.2911, 0.2847



Tritanopia

61.0792, 0.3113, 0.3109

Trichromacy



Original Color

61.1888, 0.2976, 0.2812

Protanomaly

61.2841, 0.2865, 0.2814

Deuteranomaly

61.1352, 0.2940, 0.2839

Tritanomaly

61.2466, 0.3057, 0.3000

Monochromacy



Original Color

61.1888, 0.2976, 0.2812

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.3501, 0.3075, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1888, 0.2976, 0.2812 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, 197, 241)` looks like.

```
.text, #text, p{  
    color:rgb(218, 197, 241)  
}
```

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, 197, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 197, 241) }
```

Border

The CSS property to change the border of an element to Yxy 61.1888, 0.2976, 0.2812 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, 197, 241) }
```

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

```
.border{ border-color:rgb(218, 197, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 197, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 197, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 197, 241);  
box-shadow:4px 4px 4px 4px rgb(218, 197,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1888, 0.2976, 0.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 197, 241) }
```

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

```
.background{ background-color: rgb(218,  
197, 241) }
```

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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