

Converting Colors

$Yxy(61.4203, 0.2871, 0.2663)$

Have a look what the booklet for
Yxy(61.4203, 0.2871, 0.2663)
contains.

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Color

Yxy(61.2988, 0.2870, 0.2661)

Conversions

Conversions Part 1

Format	Color
Hex	D8C4FF
RGB	216, 196, 255
RGB Percent	85%, 77%, 100%
CMY	0.1528, 0.2314, 0.0000
CMYK	0.15, 0.23, 0.00, 0.00
HSL	260°, 100%, 88%
HSV	260°, 23%, 100%
XYZ	66.1133, 61.2988, 102.9479
YIQ	208.7060, -7.0190, 22.5890

Conversions

Conversions Part 2

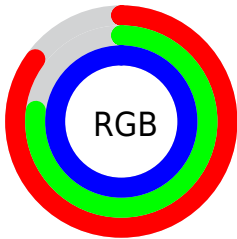
Format	Color
R _Y B	216, 196, 255
Decimal	14206207
CIE Lab	82.54, 18.28, -26.40
CIE LCh	83, 32.113, 304.696
Yxy	61.2988, 0.2870, 0.2661
Android (android.graphics.Color)	4292396287 (0xFFD8C4FF)
YUV	208.7060, 22.8229, 6.3968
Hunter-Lab	78.2936, 13.7168, -23.1547

Details

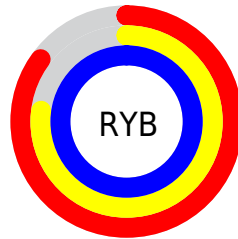
The Yxy color **61.2988, 0.2870, 0.2661** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.1564, 0.3344, 0.3896**, and the grayscale version is **63.4144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **31.0003, 0.2807, 0.2517** is the 20% darker color. If you saturate the color by 10%, you get **48.3237, 0.2732, 0.2352**, and if you desaturate by 10%, it is **76.4967, 0.2992, 0.2949**.

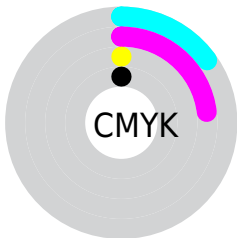
Distribution



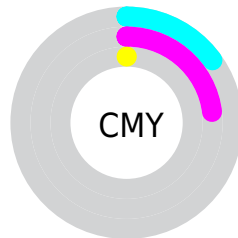
- Red (85%)
- Green (77%)
- Blue (100%)



- Red (85%)
- Yellow (77%)
- Blue (100%)



- Cyan (15%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2988, 0.2870, 0.2661 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 61.2988, 0.2870, 0.2661 by changing the saturation by 10% instead.

61.2988, 0.2870,
0.2661

61.2988, 0.2870,
0.2661

429.3687, 0.2995,
0.2948

44.4664, 0.2840,
0.2597

106.7115, 0.2915,
0.2759

31.0373, 0.2803,
0.2518

136.0605, 0.2932,
0.2798

20.6273, 0.2754,
0.2420

170.3504, 0.2946,
0.2831

12.8518, 0.2690,
0.2294

209.9658, 0.2959,
0.2861

7.3266, 0.2600,
0.2127

255.2909, 0.2969,
0.2886

3.6672, 0.2466,
0.1897

306.7101, 0.2979,

1.4892, 0.2254,

0.2909

0.1565

364.6080, 0.2988,
0.2930

0.2811, 0.1928,
0.0760

0.0000, 0.0000,
0.0000

61.2988, 0.2870,
0.2661

61.2988, 0.2870,
0.2661

48.3237, 0.2732,
0.2352

76.4967, 0.2992,
0.2949

37.4571, 0.2579,
0.2032

94.0091, 0.3097,
0.3213

28.5858, 0.2416,
0.1713

99.9995, 0.3127,
0.3290

21.5828, 0.2248,
0.1411

■ 16.3057, 0.2085,
0.1147

■ 12.5908, 0.1935,
0.0938

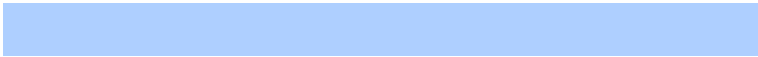
■ 10.2405, 0.1808,
0.0794

■ 9.2255, 0.1736,
0.0730

Harmonies

Analogous

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



61.2988, 0.2551, 0.2635



61.2988, 0.2870, 0.2661



61.2988, 0.3280, 0.2830

Triad

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



61.2988, 0.2870, 0.2661



61.2988, 0.3922, 0.3751



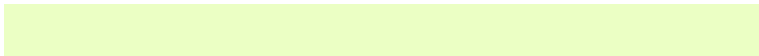
61.2988, 0.2599, 0.3458

Complementary

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



61.2988, 0.2870, 0.2661



93.1564, 0.3344, 0.3896

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.



61.2988, 0.2940, 0.3825



61.2988, 0.2870, 0.2661



61.2988, 0.3709, 0.3976

Square

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



61.2988, 0.2870, 0.2661



61.2988, 0.3910, 0.3433



61.2988, 0.3347, 0.4018



61.2988, 0.2402, 0.3064

Rectangle

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



61.2988, 0.2870, 0.2661



61.2988, 0.3550, 0.3004



61.2988, 0.3347, 0.4018



61.2988, 0.2699, 0.3592

Sweetspot

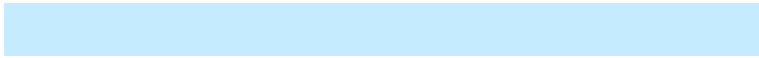
The Sweet Spot groups the original color and five complimentary colors.



61.3013, 0.2870, 0.2661



86.9674, 0.3058, 0.3114



78.5593, 0.2767, 0.3078



18.3858, 0.3052, 0.3098



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.



61.3013, 0.2870, 0.2661



54.7221, 0.2805, 0.2513



66.1394, 0.3081, 0.2699



17.6774, 0.3032, 0.3048



4.8942, 0.1752, 0.0739



0.5339, 0.1873, 0.0806

Inverse Universe

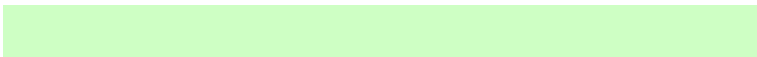
The Inverse Universe completely reimagines the original color for something new.



66.7332, 0.3301, 0.2900



61.1309, 0.3346, 0.2814



88.5982, 0.3157, 0.3932



18.1894, 0.3190, 0.3134



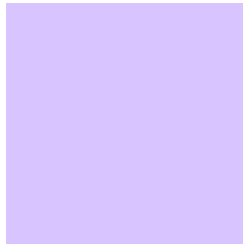
12.6233, 0.4301, 0.2143



1.2495, 0.4144, 0.2056

Previews

White Background



This preview shows how the Yxy color 61.2988, 0.2870, 0.2661 looks on a white background.

Color Contrast Check

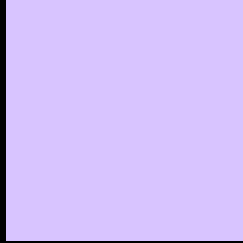
Large Text (above 18pt) WCAG AA × Fail

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 61.2988, 0.2870, 0.2661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

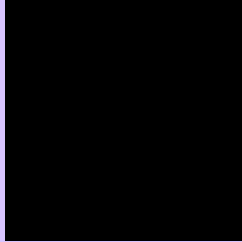
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2988, 0.2870, 0.2661

Background



This preview shows how black text looks on a background with the Yxy color 61.2988, 0.2870, 0.2661.

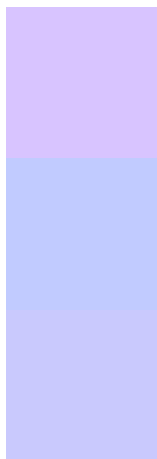


This preview shows how white text looks on a background with the Yxy color 61.2988, 0.2870, 0.2661.

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

61.2988, 0.2870, 0.2661

Protanopia

61.2693, 0.2718, 0.2713

Deuteranopia

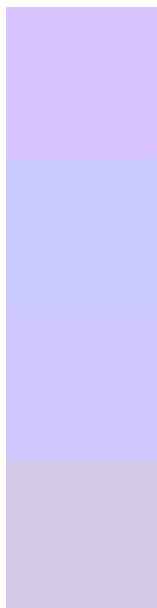
61.3466, 0.2775, 0.2708



Tritanopia

61.5280, 0.3068, 0.3108

Trichromacy



Original Color

61.2988, 0.2870, 0.2661

Protanomaly

60.9461, 0.2769, 0.2687

Deuteranomaly

61.1244, 0.2808, 0.2692

Tritanomaly

61.1318, 0.2993, 0.2934

Monochromacy



Original Color

61.2988, 0.2870, 0.2661

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.6738, 0.3034, 0.3044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2988, 0.2870, 0.2661 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(216, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 196, 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(216, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 196, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.2988, 0.2870, 0.2661 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(216, 196, 255) }
```

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

```
.border{ border-color:rgb(216, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 196,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2988, 0.2870, 0.2661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 196, 255) }
```

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

```
.background{ background-color: rgb(216,  
196, 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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