

Converting Colors

Yxy(61.4196, 0.2877, 0.2661)

Have a look what the booklet for
Yxy(61.4196, 0.2877, 0.2661)
contains.

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Color

Yxy(61.4516, 0.2877, 0.2662)

Conversions

Conversions Part 1

Format	Color
Hex	D9C4FF
RGB	217, 196, 255
RGB Percent	85%, 77%, 100%
CMY	0.1489, 0.2314, 0.0000
CMYK	0.15, 0.23, 0.00, 0.00
HSL	261°, 100%, 88%
HSV	261°, 23%, 100%
XYZ	66.4148, 61.4516, 102.9811
YIQ	209.0050, -6.4230, 22.8010

Conversions

Conversions Part 2

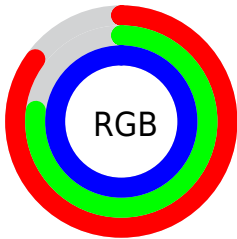
Format	Color
R _Y B	217, 196, 255
Decimal	14271743
CIE Lab	82.62, 18.60, -26.28
CIE LCh	83, 32.198, 305.285
Yxy	61.4516, 0.2877, 0.2662
Android (android.graphics.Color)	4292461823 (0xFFD9C4FF)
YUV	209.0050, 22.6755, 7.0116
Hunter-Lab	78.3911, 14.0452, -23.0145

Details

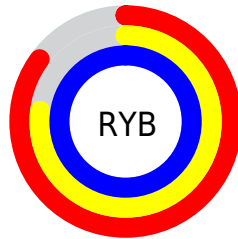
The Yxy color **61.4516, 0.2877, 0.2662** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.9896, 0.3338, 0.3897**, and the grayscale version is **63.6196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **31.1046, 0.2816, 0.2519** is the 20% darker color. If you saturate the color by 10%, you get **48.5204, 0.2743, 0.2355**, and if you desaturate by 10%, it is **76.5906, 0.2996, 0.2950**.

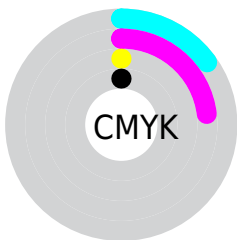
Distribution



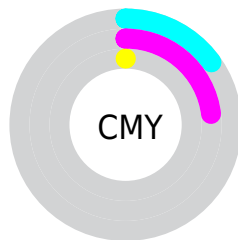
- Red (85%)
- Green (77%)
- Blue (100%)



- 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 61.4516, 0.2877, 0.2662 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 61.4516, 0.2877, 0.2662 by changing the saturation by 10% instead.

61.4516, 0.2877,
0.2662

61.4516, 0.2877,
0.2662

429.9279, 0.2999,
0.2948

44.5897, 0.2848,
0.2598

106.9325, 0.2920,
0.2760

31.1344, 0.2811,
0.2520

136.3204, 0.2937,
0.2799

20.7012, 0.2764,
0.2422

170.6524, 0.2951,
0.2832

12.9058, 0.2701,
0.2296

210.3129, 0.2963,
0.2861

7.3637, 0.2613,
0.2130

255.6863, 0.2974,
0.2887

3.6906, 0.2483,
0.1901

307.1570, 0.2983,

1.5020, 0.2274,

0.2910

0.1570

365.1094, 0.2992,
0.2930

0.2902, 0.1957,
0.0778

0.0000, 0.0000,
0.0000

61.4516, 0.2877,
0.2662

61.4516, 0.2877,
0.2662

48.5204, 0.2743,
0.2355

76.5906, 0.2996,
0.2950

37.6864, 0.2594,
0.2037

94.0317, 0.3098,
0.3213

28.8361, 0.2434,
0.1720

100.0000, 0.3127,
0.3290

21.8431, 0.2270,
0.1421

■ 16.5658, 0.2109,
0.1159

■ 12.8413, 0.1961,
0.0951

■ 10.4729, 0.1833,
0.0808

■ 9.4416, 0.1760,
0.0743

Harmonies

Analogous

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



61.4516, 0.2555, 0.2632



61.4516, 0.2877, 0.2662



61.4516, 0.3288, 0.2834

Triad

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



61.4516, 0.2877, 0.2662



61.4516, 0.3921, 0.3757



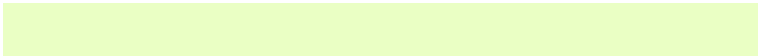
61.4516, 0.2592, 0.3451

Complementary

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



61.4516, 0.2877, 0.2662



92.9896, 0.3338, 0.3897

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.



61.4516, 0.2932, 0.3820



61.4516, 0.2877, 0.2662



61.4516, 0.3704, 0.3980

Square

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



61.4516, 0.2877, 0.2662



61.4516, 0.3914, 0.3440



61.4516, 0.3339, 0.4018



61.4516, 0.2399, 0.3057

Rectangle

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



61.4516, 0.2877, 0.2662



61.4516, 0.3558, 0.3009



61.4516, 0.3339, 0.4018



61.4516, 0.2692, 0.3584

Sweetspot

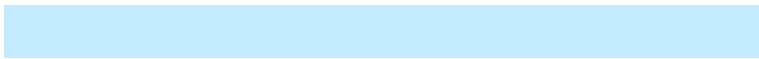
The Sweet Spot groups the original color and five complimentary colors.



61.4531, 0.2877, 0.2662



87.0220, 0.3060, 0.3114



77.9978, 0.2766, 0.3067



18.3985, 0.3054, 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.



61.4531, 0.2877, 0.2662



54.9000, 0.2814, 0.2515



66.3154, 0.3089, 0.2700



17.6929, 0.3035, 0.3048



5.0092, 0.1776, 0.0752



0.5464, 0.1899, 0.0820

Inverse Universe

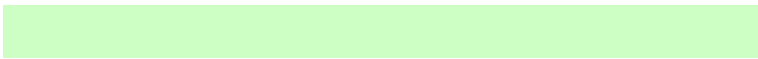
The Inverse Universe completely reimagines the original color for something new.



66.6735, 0.3308, 0.2909



61.0620, 0.3356, 0.2826



88.4618, 0.3151, 0.3934



18.1839, 0.3193, 0.3138



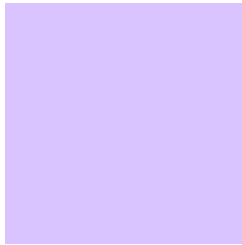
12.5398, 0.4369, 0.2180



1.2418, 0.4201, 0.2088

Previews

White Background



This preview shows how the Yxy color 61.4516, 0.2877, 0.2662 looks on a white background.

Color Contrast Check

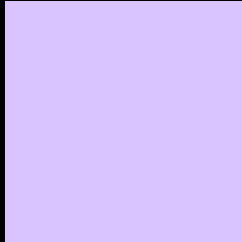
Large Text (above 18pt) WCAG AA × Fail

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 61.4516, 0.2877, 0.2662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

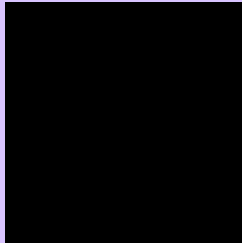
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4516, 0.2877, 0.2662

Background



This preview shows how black text looks on a background with the Yxy color 61.4516, 0.2877, 0.2662.

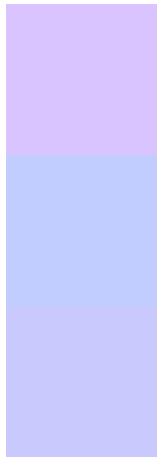


This preview shows how white text looks on a background with the Yxy color 61.4516, 0.2877, 0.2662.

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

61.4516, 0.2877, 0.2662

Protanopia

61.7432, 0.2719, 0.2724

Deuteranopia

61.3466, 0.2775, 0.2708



Tritanopia

61.6752, 0.3075, 0.3109

Trichromacy



Original Color

61.4516, 0.2877, 0.2662

Protanomaly

61.5498, 0.2776, 0.2700

Deuteranomaly

61.2680, 0.2815, 0.2693

Tritanomaly

61.2809, 0.3001, 0.2935

Monochromacy



Original Color

61.4516, 0.2877, 0.2662

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 61.4516, 0.2877, 0.2662 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(217, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 196, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.4516, 0.2877, 0.2662 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(217, 196, 255) }
```

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

```
.border{ border-color:rgb(217, 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(217, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 196,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4516, 0.2877, 0.2662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 196, 255) }
```

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

```
.background{ background-color: rgb(217,  
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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