

Converting Colors

Yxy(61.8689, 0.2775, 0.2560)

Have a look what the booklet for
Yxy(61.8689, 0.2775, 0.2560)
contains.

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Color

Yxy(61.1496, 0.2842, 0.2667)

Conversions

Conversions Part 1

Format	Color
Hex	D4C5FF
RGB	212, 197, 255
RGB Percent	83%, 77%, 100%
CMY	0.1687, 0.2274, 0.0000
CMYK	0.17, 0.23, 0.00, 0.00
HSL	255°, 100%, 89%
HSV	255°, 23%, 100%
XYZ	65.1620, 61.1496, 102.9707
YIQ	208.0970, -9.6780, 21.2180

Conversions

Conversions Part 2

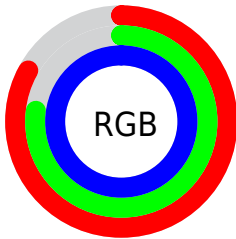
Format	Color
R _Y B	212, 197, 255
Decimal	13944319
CIE Lab	82.46, 16.49, -26.56
CIE LCh	82, 31.258, 301.837
Yxy	61.1496, 0.2842, 0.2667
Android (android.graphics.Color)	4292134399 (0xFFD4C5FF)
YUV	208.0970, 23.1232, 3.4229
Hunter-Lab	78.1982, 11.8960, -23.3338

Details

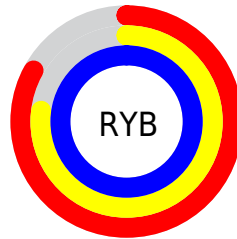
The Yxy color **61.1496, 0.2842, 0.2667** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.0782, 0.3372, 0.3879**, and the grayscale version is **62.9947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **30.8902, 0.2771, 0.2523** is the 20% darker color. If you saturate the color by 10%, you get **47.8856, 0.2688, 0.2352**, and if you desaturate by 10%, it is **76.7066, 0.2979, 0.2959**.

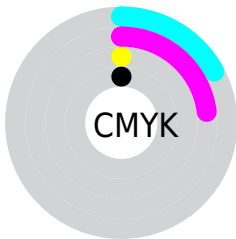
Distribution



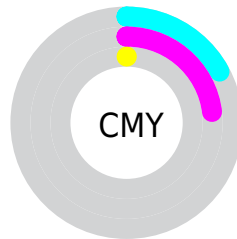
- Red (83%)
- Green (77%)
- Blue (100%)



- Red (83%)
- Yellow (77%)
- Blue (100%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1496, 0.2842, 0.2667 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 61.1496, 0.2842, 0.2667 by changing the saturation by 10% instead.

61.1496, 0.2842,
0.2667

61.1496, 0.2842,
0.2667

428.8223, 0.2980,
0.2952

44.3459, 0.2809,
0.2603

106.4955, 0.2891,
0.2765

30.9425, 0.2768,
0.2525

135.8065, 0.2910,
0.2803

20.5551, 0.2715,
0.2427

170.0554, 0.2926,
0.2836

12.7992, 0.2645,
0.2301

209.6267, 0.2939,
0.2865

7.2904, 0.2548,
0.2134

254.9046, 0.2952,
0.2891

3.6444, 0.2404,
0.1903

306.2735, 0.2962,

1.4767, 0.2177,

0.2913

0.1569

364.1180, 0.2972,
0.2934

0.2722, 0.1816,
0.0748

0.0000, 0.0000,
0.0000

61.1496, 0.2842,
0.2667

61.1496, 0.2842,
0.2667

47.8856, 0.2688,
0.2352

76.7066, 0.2979,
0.2959

36.7972, 0.2519,
0.2023

94.6514, 0.3098,
0.3223

27.7680, 0.2339,
0.1692

99.9996, 0.3127,
0.3290

20.6672, 0.2158,
0.1379

■ 15.3490, 0.1985,
0.1104

■ 11.6456, 0.1831,
0.0887

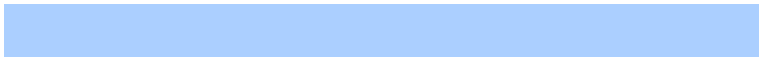
■ 9.3557, 0.1708,
0.0741

■ 8.3718, 0.1638,
0.0676

Harmonies

Analogous

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



61.1496, 0.2543, 0.2656



61.1496, 0.2842, 0.2667



61.1496, 0.3237, 0.2820

Triad

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



61.1496, 0.2842, 0.2667



61.1496, 0.3910, 0.3713



61.1496, 0.2639, 0.3492

Complementary

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



61.1496, 0.2842, 0.2667



94.0782, 0.3372, 0.3879

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.



61.1496, 0.2982, 0.3837



61.1496, 0.2842, 0.2667



61.1496, 0.3722, 0.3944

Square

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



61.1496, 0.2842, 0.2667



61.1496, 0.3876, 0.3399



61.1496, 0.3379, 0.4004



61.1496, 0.2431, 0.3105

Rectangle

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



61.1496, 0.2842, 0.2667



61.1496, 0.3504, 0.2985



61.1496, 0.3379, 0.4004



61.1496, 0.2741, 0.3619

Sweetspot

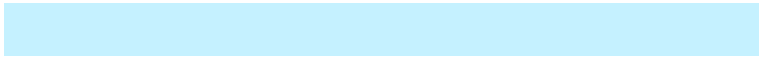
The Sweet Spot groups the original color and five complimentary colors.



61.1521, 0.2842, 0.2667



86.7097, 0.3049, 0.3114



81.7061, 0.2777, 0.3135



18.3263, 0.3042, 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.



61.1521, 0.2842, 0.2667



55.2276, 0.2778, 0.2535



65.7707, 0.3047, 0.2703



17.6043, 0.3019, 0.3047



4.4348, 0.1652, 0.0684



0.4815, 0.1762, 0.0745

Inverse Universe

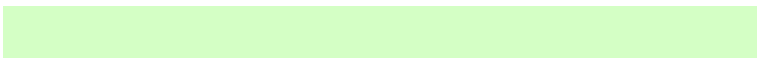
The Inverse Universe completely reimagines the original color for something new.



67.4902, 0.3262, 0.2861



62.5687, 0.3293, 0.2779



89.4723, 0.3187, 0.3914



18.2156, 0.3178, 0.3115



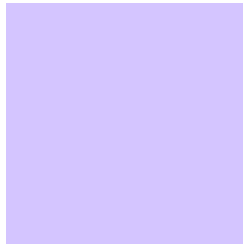
13.0582, 0.3994, 0.1974



1.2892, 0.3884, 0.1913

Previews

White Background



This preview shows how the Yxy color 61.1496, 0.2842, 0.2667 looks on a white background.

Color Contrast Check

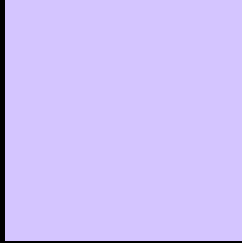
Large Text (above 18pt) WCAG AA × Fail

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 61.1496, 0.2842, 0.2667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

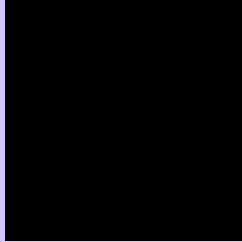
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1496, 0.2842, 0.2667

Background



This preview shows how black text looks on a background with the Yxy color 61.1496, 0.2842, 0.2667.

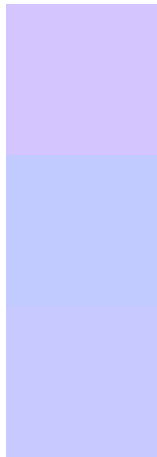


This preview shows how white text looks on a background with the Yxy color 61.1496, 0.2842, 0.2667.

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

61.1496, 0.2842, 0.2667

Protanopia

61.2693, 0.2718, 0.2713

Deuteranopia

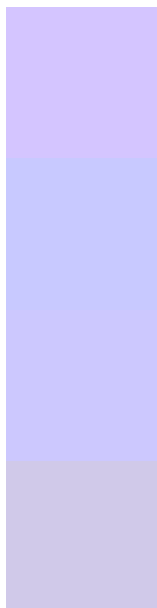
61.2084, 0.2769, 0.2707



Tritanopia

61.0010, 0.3031, 0.3095

Trichromacy



Original Color

61.1496, 0.2842, 0.2667

Protanomaly

61.2726, 0.2763, 0.2697

Deuteranomaly

61.3017, 0.2795, 0.2700

Tritanomaly

61.0664, 0.2958, 0.2932

Monochromacy



Original Color

61.1496, 0.2842, 0.2667

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.1773, 0.3019, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1496, 0.2842, 0.2667 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(212, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 197, 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(212, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 197, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.1496, 0.2842, 0.2667 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(212, 197, 255) }
```

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

```
.border{ border-color:rgb(212, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 197,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1496, 0.2842, 0.2667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 197, 255) }
```

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

```
.background{ background-color: rgb(212,  
197, 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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