

Converting Colors

$Yxy(62.7412, 0.2807, 0.2552)$

Have a look what the booklet for
Yxy(62.7412, 0.2807, 0.2552)
contains.

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Color

Yxy(62.0579, 0.2884, 0.2674)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DAC5FF |
| RGB | 218, 197, 255 |
| RGB Percent | 85%, 77%, 100% |
| CMY | 0.1451, 0.2274, 0.0000 |
| CMYK | 0.15, 0.23, 0.00, 0.00 |
| HSL | 262°, 100%, 89% |
| HSV | 262°, 23%, 100% |
| XYZ | 66.9316, 62.0579, 103.0895 |
| YIQ | 209.8910, -6.1020, 22.4900 |

Conversions

Conversions Part 2

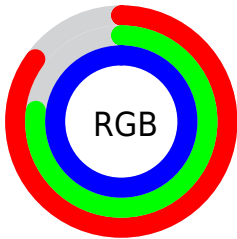
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 218, 197, 255 |
| Decimal | 14337535 |
| CIE _{Lab} | 82.94, 18.35, -25.79 |
| CIE _{LCh} | 83, 31.657, 305.433 |
| Y _{xy} | 62.0579, 0.2884, 0.2674 |
| Android (android.graphics.Color) | 4292527615 (0xFFDAC5FF) |
| YUV | 209.8910, 22.2387, 7.1116 |
| Hunter-Lab | 78.7768, 13.8004, -22.4447 |

Details

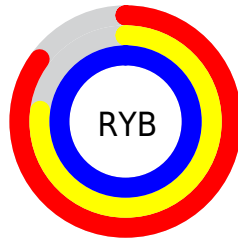
The Yxy color **62.0579, 0.2884, 0.2674** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.0462, 0.3332, 0.3887**, and the grayscale version is **64.2266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **31.5087, 0.2826, 0.2535** is the 20% darker color. If you saturate the color by 10%, you get **49.0536, 0.2752, 0.2368**, and if you desaturate by 10%, it is **77.2674, 0.3001, 0.2961**.

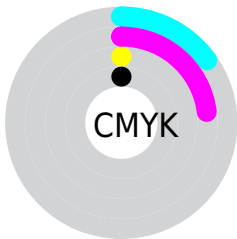
Distribution



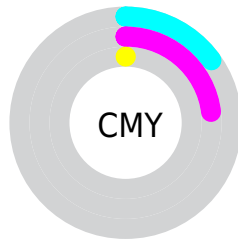
- Red (85%)
- Green (77%)
- Blue (100%)



- 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 62.0579, 0.2884, 0.2674 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 62.0579, 0.2884, 0.2674 by changing the saturation by 10% instead.

62.0579, 0.2884,
0.2674

62.0579, 0.2884,
0.2674

432.1423, 0.3002,
0.2954

45.0795, 0.2856,
0.2611

107.8092, 0.2926,
0.2770

31.5200, 0.2820,
0.2535

137.3509, 0.2942,
0.2808

20.9952, 0.2775,
0.2439

171.8491, 0.2956,
0.2841

13.1205, 0.2714,
0.2316

211.6883, 0.2968,
0.2869

7.5116, 0.2628,
0.2153

257.2528, 0.2978,
0.2894

3.7840, 0.2503,
0.1929

308.9270, 0.2987,

1.5535, 0.2301,

0.2917

0.1604

367.0954, 0.2995,
0.2937

0.3259, 0.1993,
0.0857

0.0000, 0.0000,
0.0000

62.0579, 0.2884,
0.2674

62.0579, 0.2884,
0.2674

49.0536, 0.2752,
0.2368

77.2674, 0.3001,
0.2961

38.1485, 0.2604,
0.2051

94.7802, 0.3102,
0.3223

29.2284, 0.2446,
0.1734

100.0000, 0.3127,
0.3290

22.1675, 0.2283,
0.1435

■ 16.8252, 0.2122,
0.1172

■ 13.0399, 0.1974,
0.0962

■ 10.6169, 0.1846,
0.0817

■ 9.5093, 0.1767,
0.0747

Harmonies

Analogous

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



62.0579, 0.2567, 0.2645



62.0579, 0.2884, 0.2674



62.0579, 0.3288, 0.2843

Triad

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



62.0579, 0.2884, 0.2674



62.0579, 0.3905, 0.3750



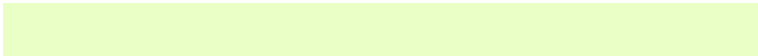
62.0579, 0.2601, 0.3446

Complementary

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



62.0579, 0.2884, 0.2674



93.0462, 0.3332, 0.3887

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.



62.0579, 0.2934, 0.3807



62.0579, 0.2884, 0.2674



62.0579, 0.3692, 0.3967

Square

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



62.0579, 0.2884, 0.2674



62.0579, 0.3899, 0.3439



62.0579, 0.3333, 0.4002



62.0579, 0.2412, 0.3060

Rectangle

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



62.0579, 0.2884, 0.2674



62.0579, 0.3552, 0.3016



62.0579, 0.3333, 0.4002



62.0579, 0.2699, 0.3577

Sweetspot

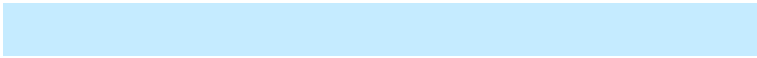
The Sweet Spot groups the original color and five complimentary colors.



62.0580, 0.2884, 0.2674



87.0385, 0.3061, 0.3114



78.3366, 0.2772, 0.3072



18.4023, 0.3055, 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.



62.0580, 0.2884, 0.2674



56.2593, 0.2830, 0.2546



66.8014, 0.3089, 0.2711



17.6976, 0.3035, 0.3048



5.0453, 0.1783, 0.0756



0.5503, 0.1907, 0.0824

Inverse Universe

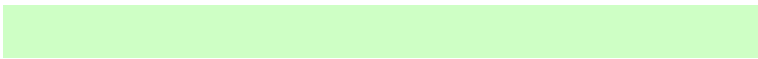
The Inverse Universe completely reimagines the original color for something new.



67.1356, 0.3307, 0.2919



62.1591, 0.3349, 0.2847



88.6308, 0.3151, 0.3921



18.1823, 0.3194, 0.3139



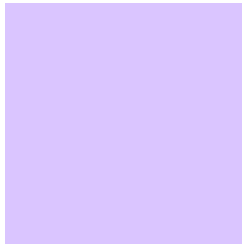
12.5151, 0.4389, 0.2192



1.2395, 0.4219, 0.2098

Previews

White Background



This preview shows how the Yxy color 62.0579, 0.2884, 0.2674 looks on a white background.

Color Contrast Check

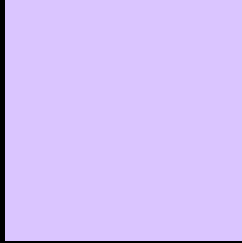
Large Text (above 18pt) WCAG AA × Fail

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 62.0579, 0.2884, 0.2674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

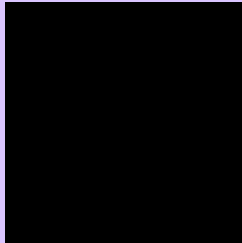
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0579, 0.2884, 0.2674

Background



This preview shows how black text looks on a background with the Yxy color 62.0579, 0.2884, 0.2674.

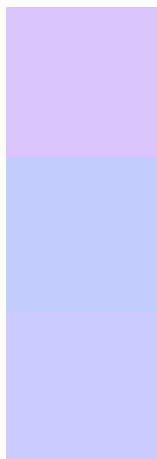


This preview shows how white text looks on a background with the Yxy color 62.0579, 0.2884, 0.2674.

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

62.0579, 0.2884, 0.2674

Protanopia

62.3520, 0.2727, 0.2737

Deuteranopia

62.0933, 0.2790, 0.2722



Tritanopia

61.8234, 0.3083, 0.3109

Trichromacy



Original Color

62.0579, 0.2884, 0.2674

Protanomaly

62.1576, 0.2784, 0.2712

Deuteranomaly

61.8742, 0.2822, 0.2705

Tritanomaly

61.8956, 0.3008, 0.2947

Monochromacy



Original Color

62.0579, 0.2884, 0.2674

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.2998, 0.3041, 0.3056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0579, 0.2884, 0.2674 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 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(218, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 197, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.0579, 0.2884, 0.2674 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, 255) }
```

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

```
.border{ border-color:rgb(218, 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(218, 197, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 197,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0579, 0.2884, 0.2674 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, 255) }
```

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

```
.background{ background-color: rgb(218,  
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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