

Converting Colors

$Yxy(63.9478, 0.2879, 0.2782)$

Have a look what the booklet for
Yxy(63.9478, 0.2879, 0.2782)
contains.

Yxy(63.8230, 0.2877, 0.2773)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.8230, 0.2877, 0.2773)

Conversions

Conversions Part 1

Format	Color
Hex	D5CBFB
RGB	213, 203, 251
RGB Percent	84%, 80%, 98%
CMY	0.1646, 0.2039, 0.0156
CMYK	0.15, 0.19, 0.00, 0.02
HSL	253°, 86%, 89%
HSV	253°, 19%, 98%
XYZ	66.2167, 63.8230, 100.1190
YIQ	211.4620, -9.4480, 17.0480

Conversions

Conversions Part 2

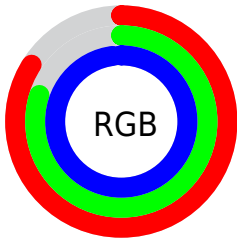
Format	Color
R _Y B	213, 203, 251
Decimal	14011387
CIE Lab	83.87, 12.76, -22.29
CIE LCh	84, 25.681, 299.788
Yxy	63.8230, 0.2877, 0.2773
Android (android.graphics.Color)	4292201467 (0xFFD5CBFB)
YUV	211.4620, 19.4922, 1.3488
Hunter-Lab	79.8893, 8.1444, -18.3810

Details

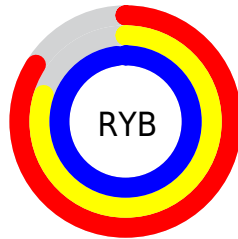
The Yxy color $63.8230, 0.2877, 0.2773$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $92.0255, 0.3349, 0.3779$, and the grayscale version is $65.3398, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.6590, 0.2817, 0.2660$ is the 20% darker color. If you saturate the color by 10%, you get $50.1229, 0.2720, 0.2463$, and if you desaturate by 10%, it is $79.8117, 0.3016, 0.3057$.

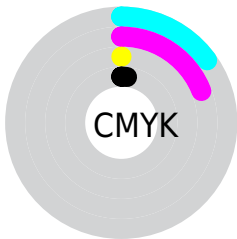
Distribution



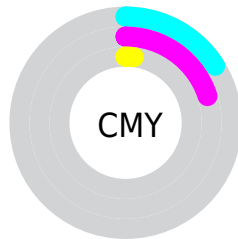
- Red (84%)
- Green (80%)
- Blue (98%)



- Red (84%)
- Yellow (80%)
- Blue (98%)



- Cyan (15%)
- Magenta (19%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (20%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8230, 0.2877, 0.2773 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 63.8230, 0.2877, 0.2773 by changing the saturation by 10% instead.

■ 63.8230, 0.2877,
0.2773

■ 63.8230, 0.2877,
0.2773

438.5502, 0.2997,
0.3010

■ 46.5073, 0.2849,
0.2720

110.3560, 0.2919,
0.2855

■ 32.6464, 0.2814,
0.2654

140.3421, 0.2935,
0.2887

■ 21.8557, 0.2768,
0.2572

175.3205, 0.2949,
0.2914

■ 13.7509, 0.2709,
0.2466

215.6755, 0.2961,
0.2938

■ 7.9476, 0.2625,
0.2324

261.7916, 0.2972,
0.2959

■ 4.0614, 0.2503,
0.2125

314.0532, 0.2981,

■ 1.7080, 0.2309,

0.2978

0.1830

372.8445, 0.2989,
0.2995

0.4288, 0.1992,
0.1188

0.0000, 0.0000,
0.0000

63.8230, 0.2877,
0.2773

63.8230, 0.2877,
0.2773

50.1229, 0.2720,
0.2463

79.8117, 0.3016,
0.3057

38.5982, 0.2546,
0.2133

98.1795, 0.3137,
0.3311

29.1379, 0.2360,
0.1795

99.7469, 0.3150,
0.3328

21.6176, 0.2170,
0.1467

■ 15.8998, 0.1988,
0.1170

■ 11.8280, 0.1825,
0.0928

■ 9.2184, 0.1694,
0.0757

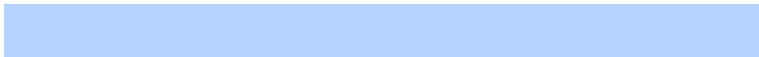
■ 7.8015, 0.1600,
0.0658

■ 7.7075, 0.1593,
0.0651

Harmonies

Analogous

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



63.8230, 0.2637, 0.2776



63.8230, 0.2877, 0.2773



63.8230, 0.3196, 0.2892

Triad

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



63.8230, 0.2877, 0.2773



63.8230, 0.3765, 0.3625



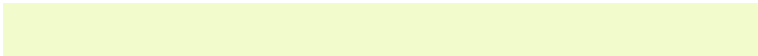
63.8230, 0.2747, 0.3475

Complementary

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



63.8230, 0.2877, 0.2773



92.0255, 0.3349, 0.3779

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.



63.8230, 0.3034, 0.3742



63.8230, 0.2877, 0.2773



63.8230, 0.3628, 0.3814

Square

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



63.8230, 0.2877, 0.2773



63.8230, 0.3723, 0.3367



63.8230, 0.3357, 0.3866



63.8230, 0.2565, 0.3165

Rectangle

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



63.8230, 0.2877, 0.2773



63.8230, 0.3412, 0.3025



63.8230, 0.3357, 0.3866



63.8230, 0.2834, 0.3575

Sweetspot

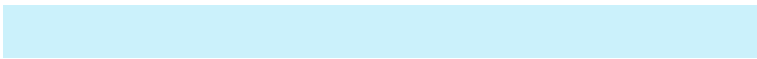
The Sweet Spot groups the original color and five complimentary colors.



63.8256, 0.2877, 0.2773



88.3994, 0.3056, 0.3139



82.8236, 0.2833, 0.3187



18.6625, 0.3048, 0.3122



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.



63.8256, 0.2877, 0.2773



60.3538, 0.2818, 0.2655



67.6153, 0.3044, 0.2798



16.8175, 0.3011, 0.3047



4.1000, 0.1605, 0.0658



0.4229, 0.1711, 0.0716

Inverse Universe

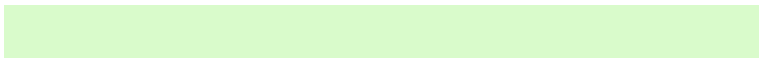
The Inverse Universe completely reimagines the original color for something new.



69.5752, 0.3220, 0.2909



67.3544, 0.3242, 0.2829



88.1381, 0.3194, 0.3803



17.4589, 0.3170, 0.3104



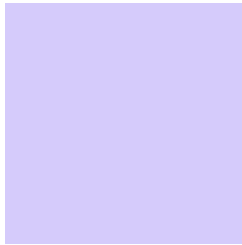
12.9604, 0.3821, 0.1878



1.2154, 0.3733, 0.1830

Previews

White Background



This preview shows how the Yxy color 63.8230, 0.2877, 0.2773 looks on a white background.

Color Contrast Check

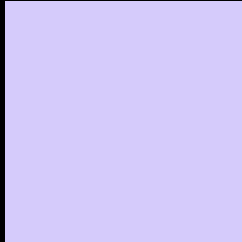
Large Text (above 18pt) WCAG AA × Fail

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 63.8230, 0.2877, 0.2773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

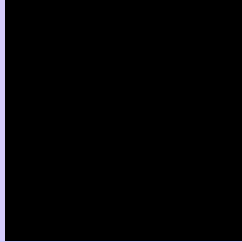
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.8230, 0.2877, 0.2773

Background



This preview shows how black text looks on a background with the Yxy color 63.8230, 0.2877, 0.2773.

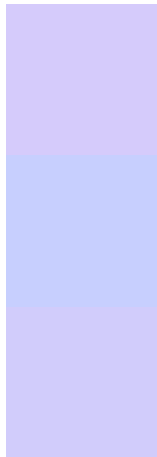


This preview shows how white text looks on a background with the Yxy color 63.8230, 0.2877, 0.2773.

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

63.8230, 0.2877, 0.2773

Protanopia

63.9235, 0.2767, 0.2774

Deuteranopia

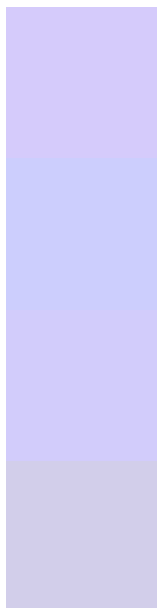
63.7061, 0.2850, 0.2780



Tritanopia

63.9035, 0.3018, 0.3109

Trichromacy



Original Color

63.8230, 0.2877, 0.2773

Protanomaly

64.0718, 0.2805, 0.2778

Deuteranomaly

63.8524, 0.2857, 0.2781

Tritanomaly

63.7848, 0.2966, 0.2979

Monochromacy



Original Color

63.8230, 0.2877, 0.2773

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.5998, 0.3034, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8230, 0.2877, 0.2773 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(213, 203, 251)` looks like.

```
.text, #text, p{  
    color:rgb(213, 203, 251)  
}
```

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(213, 203, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 203, 251) }
```

Border

The CSS property to change the border of an element to Yxy 63.8230, 0.2877, 0.2773 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(213, 203, 251) }
```

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

```
.border{ border-color:rgb(213, 203, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 203, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 203, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 203, 251);  
box-shadow:4px 4px 4px 4px rgb(213, 203,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8230, 0.2877, 0.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 203, 251) }
```

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

```
.background{ background-color: rgb(213,  
203, 251) }
```

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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