

Converting Colors

$Yxy(62.7356, 0.2707, 0.2360)$

Have a look what the booklet for
Yxy(62.7356, 0.2707, 0.2360)
contains.

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Color

Yxy(60.5756, 0.2897, 0.2634)

Conversions

Conversions Part 1

Format	Color
Hex	DCC1FF
RGB	220, 193, 255
RGB Percent	86%, 76%, 100%
CMY	0.1374, 0.2431, 0.0001
CMYK	0.14, 0.24, 0.00, 0.00
HSL	266°, 100%, 88%
HSV	266°, 24%, 100%
XYZ	66.6240, 60.5756, 102.7761
YIQ	208.1410, -3.8100, 25.0060

Conversions

Conversions Part 2

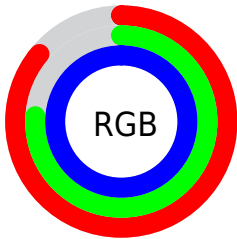
Format	Color
R _Y B	220, 193, 255
Decimal	14467583
CIE Lab	82.15, 21.09, -26.96
CIE LCh	82, 34.235, 308.035
Yxy	60.5756, 0.2897, 0.2634
Android (android.graphics.Color)	4292657663 (0xFFDCC1FF)
YUV	208.1410, 23.1015, 10.4003
Hunter-Lab	77.8303, 16.5957, -23.8121

Details

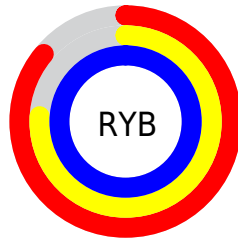
The Yxy color $60.5756, 0.2897, 0.2634$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $91.8643, 0.3316, 0.3936$, and the grayscale version is $63.0208, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.8512, 0.3129, 0.3242$, and $30.4350, 0.2832, 0.2482$ is the 20% darker color. If you saturate the color by 10%, you get $48.1057, 0.2778, 0.2332$, and if you desaturate by 10%, it is $75.1879, 0.3002, 0.2920$.

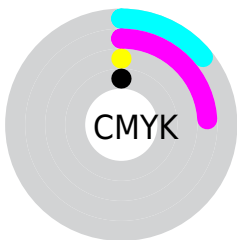
Distribution



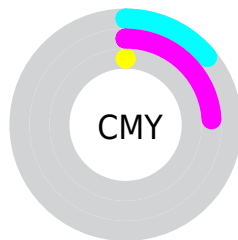
- Red (86%)
- Green (76%)
- Blue (100%)



- Red (86%)
- Yellow (76%)
- Blue (100%)



- Cyan (14%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5756, 0.2897, 0.2634 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 60.5756, 0.2897, 0.2634 by changing the saturation by 10% instead.

 60.5756, 0.2897,
0.2634

 60.5756, 0.2897,
0.2634


426.7162, 0.3010,
0.2932

 43.8828, 0.2870,
0.2567


 105.6642, 0.2938,
0.2736

 30.5783, 0.2835,
0.2486


134.8287, 0.2953,
0.2776

 20.2780, 0.2790,
0.2384


168.9193, 0.2966,
0.2811

 12.5973, 0.2730,
0.2254

208.3203, 0.2977,
0.2842

 7.1518, 0.2646,
0.2082

253.4160, 0.2987,
0.2868

 3.5572, 0.2520,
0.1846

304.5910, 0.2996,

 1.4291, 0.2317,

0.2892

0.1507

362.2296, 0.3004,
0.2913

0.2380, 0.2019,
0.0649

0.0000, 0.0000,
0.0000

60.5756, 0.2897,
0.2634

60.5756, 0.2897,
0.2634

48.1057, 0.2778,
0.2332

75.1879, 0.3002,
0.2920

37.6662, 0.2645,
0.2023

92.0325, 0.3092,
0.3184

29.1459, 0.2502,
0.1719

99.9991, 0.3127,
0.3290

22.4196, 0.2354,
0.1436

■ 17.3468, 0.2207,
0.1190

■ 13.7646, 0.2068,
0.0997

■ 11.4745, 0.1946,
0.0864

■ 10.5893, 0.1884,
0.0811

Harmonies

Analogous

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



60.5756, 0.2543, 0.2587



60.5756, 0.2897, 0.2634



60.5756, 0.3340, 0.2828

Triad

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



60.5756, 0.2897, 0.2634



60.5756, 0.3962, 0.3812



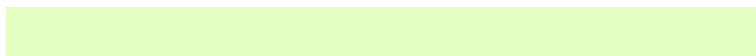
60.5756, 0.2530, 0.3420

Complementary

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



60.5756, 0.2897, 0.2634



91.8643, 0.3316, 0.3936

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.



60.5756, 0.2880, 0.3828



60.5756, 0.2897, 0.2634



60.5756, 0.3711, 0.4040

Square

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



60.5756, 0.2897, 0.2634



60.5756, 0.3980, 0.3479



60.5756, 0.3311, 0.4062



60.5756, 0.2343, 0.3004

Rectangle

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



60.5756, 0.2897, 0.2634



60.5756, 0.3624, 0.3019



60.5756, 0.3311, 0.4062



60.5756, 0.2632, 0.3566

Sweetspot

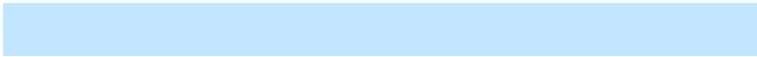
The Sweet Spot groups the original color and five complimentary colors.



60.5781, 0.2897, 0.2634



87.2716, 0.3069, 0.3115



74.1205, 0.2743, 0.2997



18.4562, 0.3064, 0.3099



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.



60.5781, 0.2897, 0.2634



54.4641, 0.2843, 0.2494



65.8510, 0.3125, 0.2677



17.7640, 0.3047, 0.3049



5.6183, 0.1901, 0.0821



0.6102, 0.2026, 0.0890

Inverse Universe

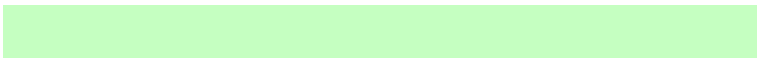
The Inverse Universe completely reimagines the original color for something new.



65.0109, 0.3357, 0.2936



59.6477, 0.3414, 0.2865



87.2535, 0.3120, 0.3977



18.1591, 0.3205, 0.3156



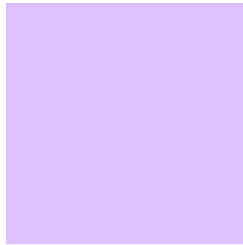
12.1937, 0.4688, 0.2356



1.2092, 0.4473, 0.2238

Previews

White Background



This preview shows how the Yxy color 60.5756, 0.2897, 0.2634 looks on a white background.

Color Contrast Check

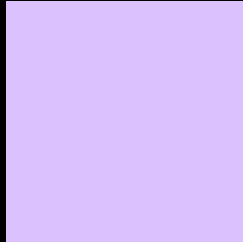
Large Text (above 18pt) WCAG AA × Fail

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 60.5756, 0.2897, 0.2634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

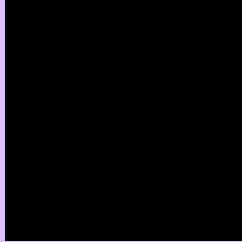
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5756, 0.2897, 0.2634

Background



This preview shows how black text looks on a background with the Yxy color 60.5756, 0.2897, 0.2634.

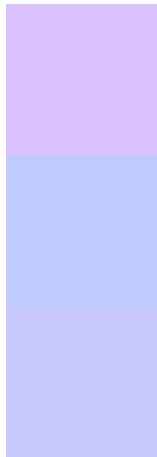


This preview shows how white text looks on a background with the Yxy color 60.5756, 0.2897, 0.2634.

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

60.5756, 0.2897, 0.2634

Protanopia

60.5374, 0.2704, 0.2699

Deuteranopia

60.6064, 0.2761, 0.2695



Tritanopia

60.5626, 0.3120, 0.3109

Trichromacy



Original Color

60.5756, 0.2897, 0.2634

Protanomaly

60.6234, 0.2775, 0.2677

Deuteranomaly

60.3537, 0.2814, 0.2670

Tritanomaly

60.2446, 0.3037, 0.2924

Monochromacy



Original Color

60.5756, 0.2897, 0.2634

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.1452, 0.3041, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5756, 0.2897, 0.2634 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(220, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 193, 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(220, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.5756, 0.2897, 0.2634 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(220, 193, 255) }
```

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

```
.border{ border-color:rgb(220, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 193,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5756, 0.2897, 0.2634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 193, 255) }
```

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

```
.background{ background-color: rgb(220,  
193, 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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