

Converting Colors

$Y_{xy}(60.3743, 0.2883, 0.2634)$

Have a look what the booklet for
Yxy(60.3743, 0.2883, 0.2634)
contains.

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Color

Yxy(60.2654, 0.2883, 0.2631)

Conversions

Conversions Part 1

Format	Color
Hex	DAC1FF
RGB	218, 193, 255
RGB Percent	85%, 76%, 100%
CMY	0.1450, 0.2431, 0.0000
CMYK	0.14, 0.24, 0.00, 0.00
HSL	264°, 100%, 88%
HSV	264°, 24%, 100%
XYZ	66.0377, 60.2654, 102.7558
YIQ	207.5430, -5.0020, 24.5820

Conversions

Conversions Part 2

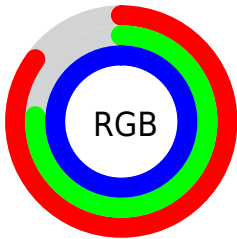
Format	Color
R _Y B	218, 193, 255
Decimal	14336511
CIE Lab	81.98, 20.51, -27.24
CIE LCh	82, 34.099, 306.977
Yxy	60.2654, 0.2883, 0.2631
Android (android.graphics.Color)	4292526591 (0xFFDAC1FF)
YUV	207.5430, 23.3963, 9.1708
Hunter-Lab	77.6308, 15.9896, -24.1375

Details

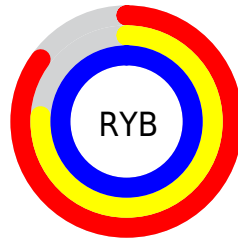
The Yxy color **60.2654, 0.2883, 0.2631** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.1862, 0.3329, 0.3934**, and the grayscale version is **62.6169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **30.2238, 0.2814, 0.2477** is the 20% darker color. If you saturate the color by 10%, you get **47.7110, 0.2757, 0.2326**, and if you desaturate by 10%, it is **74.9835, 0.2994, 0.2918**.

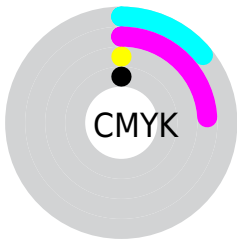
Distribution



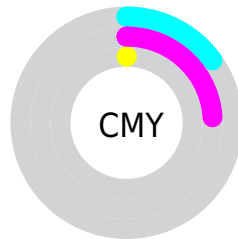
- Red (85%)
- Green (76%)
- Blue (100%)



- Red (85%)
- Yellow (76%)
- Blue (100%)



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




- Cyan (15%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2654, 0.2883, 0.2631 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 60.2654, 0.2883, 0.2631 by changing the saturation by 10% instead.


 60.2654, 0.2883,
0.2631

 60.2654, 0.2883,
0.2631

425.5753, 0.3003,
0.2931

 43.6326, 0.2854,
0.2564


 105.2146, 0.2926,
0.2734

 30.3818, 0.2818,
0.2482

134.2997, 0.2942,
0.2774

 20.1285, 0.2771,
0.2380


168.3044, 0.2956,
0.2809

 12.4885, 0.2707,
0.2248

207.6131, 0.2968,
0.2840

 7.0773, 0.2619,
0.2075

252.6101, 0.2978,
0.2867

 3.5105, 0.2487,
0.1836

303.6799, 0.2988,

 1.4037, 0.2275,

0.2891

0.1494

361.2069, 0.2996,
0.2912

0.2194, 0.1960,
0.0607

0.0000, 0.0000,
0.0000

60.2654, 0.2883,
0.2631

60.2654, 0.2883,
0.2631

47.7110, 0.2757,
0.2326

74.9835, 0.2994,
0.2918

37.2074, 0.2617,
0.2013

91.9559, 0.3090,
0.3183

28.6424, 0.2467,
0.1704

99.9998, 0.3127,
0.3290

21.8898, 0.2312,
0.1416

■ 16.8080, 0.2159,
0.1166

■ 13.2329, 0.2017,
0.0970

■ 10.9646, 0.1893,
0.0836

■ 10.0993, 0.1832,
0.0783

Harmonies

Analogous

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



60.2654, 0.2534, 0.2589



60.2654, 0.2883, 0.2631



60.2654, 0.3323, 0.2820

Triad

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



60.2654, 0.2883, 0.2631



60.2654, 0.3966, 0.3801



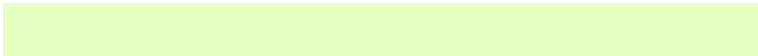
60.2654, 0.2542, 0.3436

Complementary

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



60.2654, 0.2883, 0.2631



92.1862, 0.3329, 0.3934

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.



60.2654, 0.2895, 0.3839



60.2654, 0.2883, 0.2631



60.2654, 0.3722, 0.4033

Square

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



60.2654, 0.2883, 0.2631



60.2654, 0.3974, 0.3466



60.2654, 0.3326, 0.4063



60.2654, 0.2348, 0.3018

Rectangle

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



60.2654, 0.2883, 0.2631



60.2654, 0.3609, 0.3009



60.2654, 0.3326, 0.4063



60.2654, 0.2644, 0.3580

Sweetspot

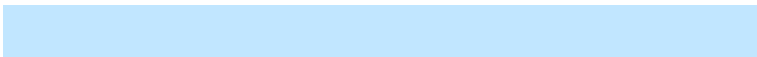
The Sweet Spot groups the original color and five complimentary colors.



60.2679, 0.2883, 0.2631



87.1720, 0.3066, 0.3114



75.2604, 0.2745, 0.3020



18.4331, 0.3060, 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.



60.2679, 0.2883, 0.2631



54.1223, 0.2826, 0.2490



65.4612, 0.3109, 0.2674



17.7356, 0.3042, 0.3049



5.3587, 0.1848, 0.0792



0.5834, 0.1974, 0.0861

Inverse Universe

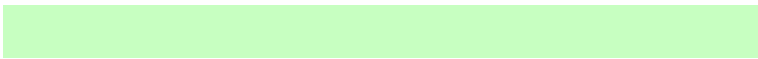
The Inverse Universe completely reimagines the original color for something new.



65.1098, 0.3342, 0.2917



59.7725, 0.3395, 0.2843



87.5372, 0.3133, 0.3975



18.1690, 0.3200, 0.3149



12.3249, 0.4559, 0.2285



1.2217, 0.4363, 0.2177

Previews

White Background



This preview shows how the Yxy color 60.2654, 0.2883, 0.2631 looks on a white background.

Color Contrast Check

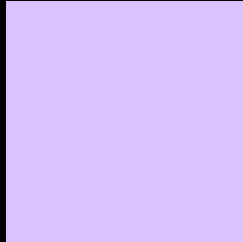
Large Text (above 18pt) WCAG AA × Fail

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 60.2654, 0.2883, 0.2631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

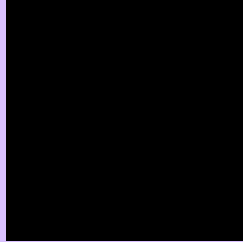
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2654, 0.2883, 0.2631

Background



This preview shows how black text looks on a background with the Yxy color 60.2654, 0.2883, 0.2631.

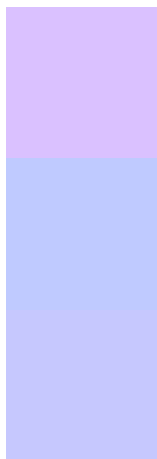


This preview shows how white text looks on a background with the Yxy color 60.2654, 0.2883, 0.2631.

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

60.2654, 0.2883, 0.2631

Protanopia

60.5374, 0.2704, 0.2699

Deuteranopia

60.4701, 0.2754, 0.2694



Tritanopia

60.2635, 0.3105, 0.3108

Trichromacy



Original Color

60.2654, 0.2883, 0.2631

Protanomaly

60.4844, 0.2768, 0.2676

Deuteranomaly

60.0674, 0.2800, 0.2668

Tritanomaly

59.9418, 0.3022, 0.2923

Monochromacy



Original Color

60.2654, 0.2883, 0.2631

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 60.2654, 0.2883, 0.2631 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, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 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(218, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.2654, 0.2883, 0.2631 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, 193, 255) }
```

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

```
.border{ border-color:rgb(218, 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(218, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 193,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2654, 0.2883, 0.2631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 193, 255) }
```

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

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