

Converting Colors

$Y_{xy}(54.7559, 0.2980, 0.2863)$

Have a look what the booklet for
Yxy(54.7559, 0.2980, 0.2863)
contains.

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Color

Yxy(54.8653, 0.2982, 0.2865)

Conversions

Conversions Part 1

Format	Color
Hex	CDBDE2
RGB	205, 189, 226
RGB Percent	80%, 74%, 89%
CMY	0.1960, 0.2588, 0.1137
CMYK	0.09, 0.16, 0.00, 0.11
HSL	266°, 39%, 81%
HSV	266°, 16%, 89%
XYZ	57.1059, 54.8653, 79.5307
YIQ	198.0020, -2.3410, 14.8990

Conversions

Conversions Part 2

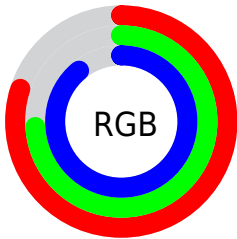
Format	Color
R _Y B	205, 189, 226
Decimal	13483490
CIE Lab	78.96, 12.58, -16.39
CIE LCh	79, 20.660, 307.517
Yxy	54.8653, 0.2982, 0.2865
Android (android.graphics.Color)	4291673570 (0xFFCDBDE2)
YUV	198.0020, 13.8030, 6.1372
Hunter-Lab	74.0711, 7.9919, -11.8104

Details

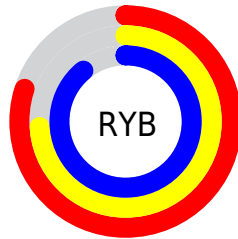
The Yxy color **54.8653, 0.2982, 0.2865** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.7647, 0.3255, 0.3711**, and the grayscale version is **56.3916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **27.1279, 0.2942, 0.2760** is the 20% darker color. If you saturate the color by 10%, you get **44.1422, 0.2875, 0.2578**, and if you desaturate by 10%, it is **67.2572, 0.3075, 0.3132**.

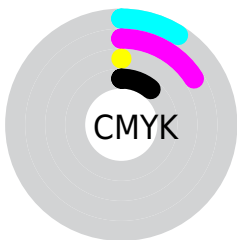
Distribution



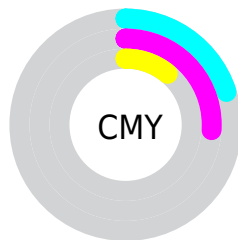
- Red (80%)
- Green (74%)
- Blue (89%)



- Red (80%)
- Yellow (74%)
- Blue (89%)



- Cyan (9%)
- Magenta (16%)
- Yellow (0%)
- Black (11%)





- Cyan (20%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8653, 0.2982, 0.2865 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 54.8653, 0.2982, 0.2865 by changing the saturation by 10% instead.


 54.8653, 0.2982,
0.2865

 54.8653, 0.2982,
0.2865

405.4011, 0.3054,
0.3066

 39.2939, 0.2964,
0.2818

 97.3436, 0.3008,
0.2936

 26.9884, 0.2942,
0.2760

125.0192, 0.3018,
0.2963

 17.5645, 0.2912,
0.2685


157.4984, 0.3026,
0.2986

 10.6378, 0.2871,
0.2586

195.1655, 0.3033,
0.3006

 5.8238, 0.2811,
0.2449

238.4049, 0.3040,
0.3024

 2.7383, 0.2717,
0.2248

287.6011, 0.3045,

 0.9967, 0.2552,

0.3040

0.1927

343.1384, 0.3050,
0.3054

■ 0.0000, 0.1624,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8653, 0.2982,
0.2865

■ 54.8653, 0.2982,
0.2865

■ 44.1422, 0.2875,
0.2578

■ 67.2572, 0.3075,
0.3132

■ 35.0074, 0.2753,
0.2276

■ 81.3798, 0.3154,
0.3376

■ 27.3841, 0.2619,
0.1968

■ 96.1477, 0.3223,
0.3578

■ 21.1863, 0.2475,
0.1668

■ 98.2710, 0.3298,
0.3572

■ 16.3186, 0.2327,
0.1392

■ 12.6741, 0.2182,
0.1155

■ 10.1279, 0.2046,
0.0972

■ 8.5242, 0.1927,
0.0849

■ 8.0805, 0.1887,
0.0813

Harmonies

Analogous

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



54.8653, 0.2754, 0.2841



54.8653, 0.2982, 0.2865



54.8653, 0.3259, 0.2990

Triad

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



54.8653, 0.2982, 0.2865



54.8653, 0.3651, 0.3627



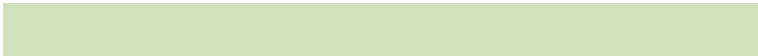
54.8653, 0.2754, 0.3380

Complementary

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



54.8653, 0.2982, 0.2865



71.7647, 0.3255, 0.3711

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.



54.8653, 0.2982, 0.3620



54.8653, 0.2982, 0.2865



54.8653, 0.3502, 0.3758

Square

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



54.8653, 0.2982, 0.2865



54.8653, 0.3654, 0.3418



54.8653, 0.3255, 0.3761



54.8653, 0.2627, 0.3125

Rectangle

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



54.8653, 0.2982, 0.2865



54.8653, 0.3434, 0.3117



54.8653, 0.3255, 0.3761



54.8653, 0.2821, 0.3466

Sweetspot

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



54.8676, 0.2982, 0.2865



90.7879, 0.3086, 0.3166



62.6908, 0.2872, 0.3110



19.1652, 0.3080, 0.3148



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.



54.8676, 0.2982, 0.2865



66.5884, 0.2943, 0.2759



57.5600, 0.3122, 0.2883



13.5321, 0.3048, 0.3052



4.6772, 0.1903, 0.0822



0.3764, 0.2077, 0.0918

Inverse Universe

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



57.2150, 0.3269, 0.3057



70.3240, 0.3308, 0.3001



69.2837, 0.3128, 0.3727



13.8301, 0.3204, 0.3158



10.1396, 0.4671, 0.2347



0.7207, 0.4384, 0.2189

Previews

White Background



This preview shows how the Yxy color 54.8653, 0.2982, 0.2865 looks on a white background.

Color Contrast Check

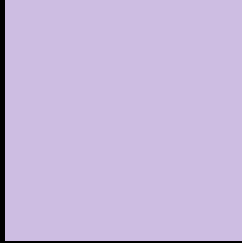
Large Text (above 18pt) WCAG AA × Fail

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 54.8653, 0.2982, 0.2865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

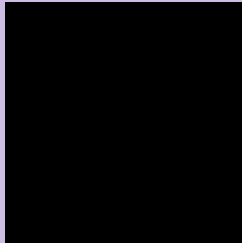
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8653, 0.2982, 0.2865

Background



This preview shows how black text looks on a background with the Yxy color 54.8653, 0.2982, 0.2865.



This preview shows how white text looks on a background with the Yxy color 54.8653, 0.2982, 0.2865.

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

54.8653, 0.2982, 0.2865

Protanopia

55.0595, 0.2844, 0.2877

Deuteranopia

55.0320, 0.2944, 0.2884



Tritanopia

54.7608, 0.3096, 0.3112

Trichromacy



Original Color

54.8653, 0.2982, 0.2865

Protanomaly

54.9028, 0.2893, 0.2869

Deuteranomaly

54.8745, 0.2959, 0.2874

Tritanomaly

54.8132, 0.3052, 0.3020

Monochromacy



Original Color

54.8653, 0.2982, 0.2865

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.0018, 0.3079, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8653, 0.2982, 0.2865 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(205, 189, 226)` looks like.

```
.text, #text, p{  
    color:rgb(205, 189, 226)  
}
```

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(205, 189, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 189, 226) }
```

Border

The CSS property to change the border of an element to Yxy 54.8653, 0.2982, 0.2865 is called "border". The border property can be set on classes, ids or directly on the HTML element.

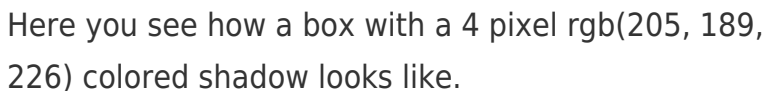
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 189, 226) }
```

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

```
.border{ border-color:rgb(205, 189, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 189, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 189, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 189, 226);  
box-shadow:4px 4px 4px 4px rgb(205, 189,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8653, 0.2982, 0.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 189, 226) }
```

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

```
.background{ background-color: rgb(205,  
189, 226) }
```

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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