

Converting Colors

$Yxy(55.6896, 0.2903, 0.2865)$

Have a look what the booklet for
Yxy(55.6896, 0.2903, 0.2865)
contains.

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Color

Yxy(55.8028, 0.2909, 0.2873)

Conversions

Conversions Part 1

Format	Color
Hex	C6C1E5
RGB	198, 193, 229
RGB Percent	78%, 76%, 90%
CMY	0.2235, 0.2431, 0.1019
CMYK	0.14, 0.16, 0.00, 0.10
HSL	248°, 41%, 83%
HSV	248°, 16%, 90%
XYZ	56.5020, 55.8028, 81.9270
YIQ	198.5990, -8.5760, 12.2560

Conversions

Conversions Part 2

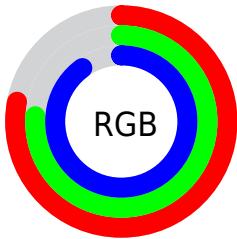
Format	Color
R _Y B	198, 193, 229
Decimal	13025765
CIE Lab	79.50, 8.77, -17.25
CIE LCh	80, 19.352, 296.951
Yxy	55.8028, 0.2909, 0.2873
Android (android.graphics.Color)	4291215845 (0xFFC6C1E5)
YUV	198.5990, 14.9877, -0.5253
Hunter-Lab	74.7013, 4.2854, -12.7341

Details

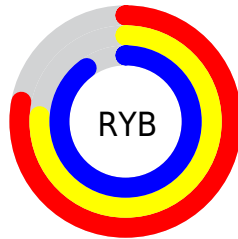
The Yxy color **55.8028, 0.2909, 0.2873** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.7428, 0.3326, 0.3684**, and the grayscale version is **56.7678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **27.7026, 0.2856, 0.2784** is the 20% darker color. If you saturate the color by 10%, you get **43.9436, 0.2746, 0.2569**, and if you desaturate by 10%, it is **69.5833, 0.3053, 0.3147**.

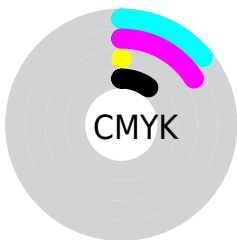
Distribution



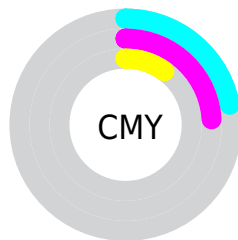
- Red (78%)
- Green (76%)
- Blue (90%)



- Red (78%)
- Yellow (76%)
- Blue (90%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (10%)



- Cyan (22%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8028, 0.2909, 0.2873 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 55.8028, 0.2909, 0.2873 by changing the saturation by 10% instead.

■ 55.8028, 0.2909,
0.2873

■ 55.8028, 0.2909,
0.2873

408.9479, 0.3016,
0.3071

■ 40.0448, 0.2883,
0.2827

■ 98.7162, 0.2947,
0.2942

■ 27.5735, 0.2851,
0.2769

126.6404, 0.2962,
0.2969

■ 18.0044, 0.2808,
0.2696

159.3888, 0.2974,
0.2992

■ 10.9532, 0.2751,
0.2598

197.3459, 0.2985,
0.3012

■ 6.0353, 0.2669,
0.2463

240.8959, 0.2994,
0.3029

■ 2.8666, 0.2544,
0.2264

290.4233, 0.3002,

■ 1.0625, 0.2330,

0.3045

0.1947

346.3125, 0.3009,
0.3058

0.0000, 0.1225,
0.0000

0.0000, 0.0000,
0.0000

55.8028, 0.2909,
0.2873

55.8028, 0.2909,
0.2873

43.9436, 0.2746,
0.2569

69.5833, 0.3053,
0.3147

33.9136, 0.2565,
0.2240

85.3582, 0.3178,
0.3390

25.6232, 0.2371,
0.1898

98.4376, 0.3280,
0.3542

18.9727, 0.2172,
0.1557

■ 13.8522, 0.1980,
0.1241

■ 10.1382, 0.1809,
0.0974

■ 7.6875, 0.1671,
0.0777

■ 6.3258, 0.1576,
0.0659

■ 5.9612, 0.1548,
0.0626

Harmonies

Analogous

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



55.8028, 0.2725, 0.2888



55.8028, 0.2909, 0.2873



55.8028, 0.3158, 0.2959

Triad

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



55.8028, 0.2909, 0.2873



55.8028, 0.3632, 0.3542



55.8028, 0.2846, 0.3459

Complementary

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



55.8028, 0.2909, 0.2873



75.7428, 0.3326, 0.3684

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.



55.8028, 0.3080, 0.3656



55.8028, 0.2909, 0.2873



55.8028, 0.3538, 0.3695

Square

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



55.8028, 0.2909, 0.2873



55.8028, 0.3585, 0.3334



55.8028, 0.3334, 0.3742



55.8028, 0.2689, 0.3217

Rectangle

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



55.8028, 0.2909, 0.2873



55.8028, 0.3330, 0.3063



55.8028, 0.3334, 0.3742



55.8028, 0.2918, 0.3533

Sweetspot

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



55.8051, 0.2909, 0.2873



90.1098, 0.3063, 0.3165



70.4186, 0.2887, 0.3235



19.0008, 0.3053, 0.3147



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.



55.8051, 0.2909, 0.2873



65.8151, 0.2856, 0.2773



58.3688, 0.3043, 0.2889



13.9826, 0.3002, 0.3048



3.4383, 0.1556, 0.0631



0.2847, 0.1665, 0.0691

Inverse Universe

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



60.1835, 0.3182, 0.2954



72.4624, 0.3196, 0.2879



73.0449, 0.3199, 0.3700



14.5790, 0.3159, 0.3090



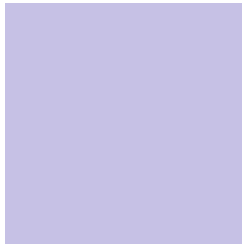
11.8482, 0.3593, 0.1753



0.8851, 0.3528, 0.1717

Previews

White Background



This preview shows how the Yxy color 55.8028, 0.2909, 0.2873 looks on a white background.

Color Contrast Check

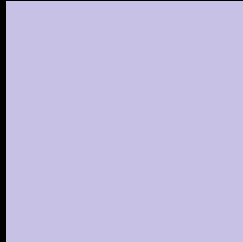
Large Text (above 18pt) WCAG AA × Fail

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 55.8028, 0.2909, 0.2873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

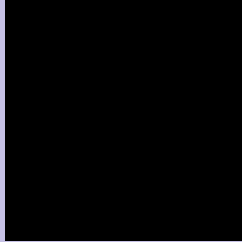
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8028, 0.2909, 0.2873

Background



This preview shows how black text looks on a background with the Yxy color 55.8028, 0.2909, 0.2873.



This preview shows how white text looks on a background with the Yxy color 55.8028, 0.2909, 0.2873.

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

55.8028, 0.2909, 0.2873

Protanopia

55.7469, 0.2839, 0.2868

Deuteranopia

55.7739, 0.2931, 0.2864



Tritanopia

55.8354, 0.3004, 0.3099

Trichromacy



Original Color

55.8028, 0.2909, 0.2873

Protanomaly

55.6342, 0.2866, 0.2870

Deuteranomaly

55.6358, 0.2924, 0.2863

Tritanomaly

55.8279, 0.2970, 0.3018

Monochromacy



Original Color

55.8028, 0.2909, 0.2873

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.7278, 0.3049, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8028, 0.2909, 0.2873 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(198, 193, 229)` looks like.

```
.text, #text, p{  
    color:rgb(198, 193, 229)  
}
```

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(198, 193, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 193, 229) }
```

Border

The CSS property to change the border of an element to Yxy 55.8028, 0.2909, 0.2873 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(198, 193, 229) }
```

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

```
.border{ border-color:rgb(198, 193, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 193, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 193, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 193, 229);  
box-shadow:4px 4px 4px 4px rgb(198, 193,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8028, 0.2909, 0.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 193, 229) }
```

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

```
.background{ background-color: rgb(198,  
193, 229) }
```

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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