

Converting Colors

Yxy(56.5471, 0.2945, 0.2909)

Have a look what the booklet for
Yxy(56.5471, 0.2945, 0.2909)
contains.

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Color

Yxy(56.5471, 0.2945, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	C9C2E3
RGB	201, 194, 227
RGB Percent	79%, 76%, 89%
CMY	0.2118, 0.2392, 0.1097
CMYK	0.11, 0.15, 0.00, 0.11
HSL	253°, 37%, 83%
HSV	253°, 15%, 89%
XYZ	57.2469, 56.5471, 80.5927
YIQ	199.8550, -6.4210, 11.7470

Conversions

Conversions Part 2

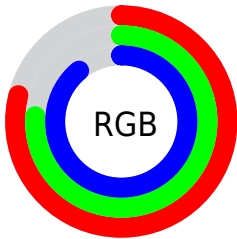
Format	Color
R _Y B	201, 194, 227
Decimal	13222627
CIE Lab	79.92, 8.79, -15.53
CIE LCh	80, 17.843, 299.507
Yxy	56.5471, 0.2945, 0.2909
Android (android.graphics.Color)	4291412707 (0xFFC9C2E3)
YUV	199.8550, 13.3825, 1.0042
Hunter-Lab	75.1978, 4.2930, -10.9052

Details

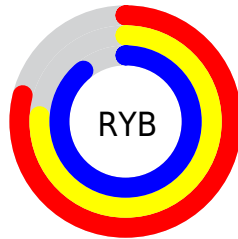
The Yxy color **56.5471, 0.2945, 0.2909** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.0720, 0.3294, 0.3655**, and the grayscale version is **57.5859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **27.9378, 0.2895, 0.2802** is the 20% darker color. If you saturate the color by 10%, you get **44.8666, 0.2797, 0.2613**, and if you desaturate by 10%, it is **70.0650, 0.3074, 0.3178**.

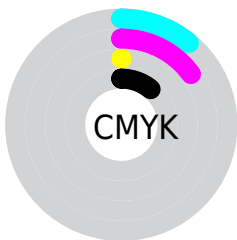
Distribution



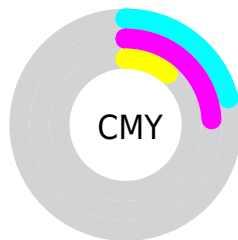
- Red (79%)
- Green (76%)
- Blue (89%)



- Red (79%)
- Yellow (76%)
- Blue (89%)



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5471, 0.2945, 0.2909 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 56.5471, 0.2945, 0.2909 by changing the saturation by 10% instead.

■ 56.5471, 0.2945,
0.2909

■ 56.5471, 0.2945,
0.2909

411.7501, 0.3034,
0.3089

■ 40.6417, 0.2923,
0.2867

■ 99.8040, 0.2977,
0.2972

■ 28.0392, 0.2896,
0.2814

127.9244, 0.2989,
0.2997

■ 18.3552, 0.2861,
0.2747

160.8852, 0.2999,
0.3018

■ 11.2053, 0.2813,
0.2658

199.0709, 0.3008,
0.3036

■ 6.2051, 0.2744,
0.2534

242.8658, 0.3016,
0.3052

■ 2.9702, 0.2638,
0.2352

292.6544, 0.3023,

■ 1.1162, 0.2456,

0.3066

0.2059

348.8210, 0.3029,
0.3078

■ 0.0000, 0.1604,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5471, 0.2945,
0.2909

■ 56.5471, 0.2945,
0.2909

■ 44.8666, 0.2797,
0.2613

■ 70.0650, 0.3074,
0.3178

■ 34.9367, 0.2633,
0.2293

■ 85.4880, 0.3186,
0.3417

■ 26.6742, 0.2453,
0.1959

■ 98.2674, 0.3289,
0.3562

■ 19.9861, 0.2266,
0.1626

■ 98.3278, 0.3291,
0.3562

■ 14.7703, 0.2080,
0.1313

■ 10.9123, 0.1907,
0.1043

■ 8.2803, 0.1759,
0.0836

■ 6.7148, 0.1646,
0.0702

■ 6.1783, 0.1599,
0.0655

Harmonies

Analogous

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



56.5471, 0.2768, 0.2915



56.5471, 0.2945, 0.2909



56.5471, 0.3177, 0.2996

Triad

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



56.5471, 0.2945, 0.2909



56.5471, 0.3588, 0.3538



56.5471, 0.2853, 0.3426

Complementary

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



56.5471, 0.2945, 0.2909



74.0720, 0.3294, 0.3655

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.



56.5471, 0.3065, 0.3613



56.5471, 0.2945, 0.2909



56.5471, 0.3492, 0.3670

Square

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



56.5471, 0.2945, 0.2909



56.5471, 0.3555, 0.3349



56.5471, 0.3299, 0.3702



56.5471, 0.2717, 0.3206

Rectangle

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



56.5471, 0.2945, 0.2909



56.5471, 0.3332, 0.3095



56.5471, 0.3299, 0.3702



56.5471, 0.2918, 0.3496

Sweetspot

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



56.5495, 0.2945, 0.2909



92.1708, 0.3081, 0.3191



68.4277, 0.2904, 0.3214



19.4229, 0.3071, 0.3172



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.



56.5495, 0.2945, 0.2909



69.4779, 0.2909, 0.2836



58.9028, 0.3067, 0.2923



14.0335, 0.3013, 0.3049



3.6429, 0.1610, 0.0661



0.3088, 0.1747, 0.0736

Inverse Universe

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



60.0897, 0.3196, 0.3005



74.8148, 0.3210, 0.2953



71.6756, 0.3178, 0.3669



14.5602, 0.3170, 0.3107



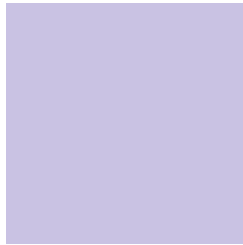
11.4382, 0.3828, 0.1883



0.8584, 0.3720, 0.1823

Previews

White Background



This preview shows how the Yxy color 56.5471, 0.2945, 0.2909 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 56.5471, 0.2945, 0.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

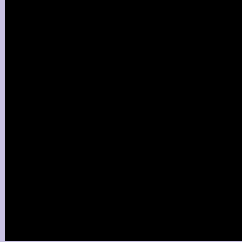
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5471, 0.2945, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 56.5471, 0.2945, 0.2909.



This preview shows how white text looks on a background with the Yxy color 56.5471, 0.2945, 0.2909.

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

56.5471, 0.2945, 0.2909

Protanopia

56.7961, 0.2867, 0.2916

Deuteranopia

56.5233, 0.2968, 0.2900



Tritanopia

56.6917, 0.3027, 0.3112

Trichromacy



Original Color

56.5471, 0.2945, 0.2909

Protanomaly

56.6834, 0.2895, 0.2917

Deuteranomaly

56.3825, 0.2960, 0.2899

Tritanomaly

56.6317, 0.3000, 0.3043

Monochromacy



Original Color

56.5471, 0.2945, 0.2909

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.3207, 0.3056, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5471, 0.2945, 0.2909 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(201, 194, 227)` looks like.

```
.text, #text, p{  
    color:rgb(201, 194, 227)  
}
```

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(201, 194, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 194, 227) }
```

Border

The CSS property to change the border of an element to Yxy 56.5471, 0.2945, 0.2909 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(201, 194, 227) }
```

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

```
.border{ border-color:rgb(201, 194, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 194, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 194, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 194, 227);  
box-shadow:4px 4px 4px 4px rgb(201, 194,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5471, 0.2945, 0.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 194, 227) }
```

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

```
.background{ background-color: rgb(201,  
194, 227) }
```

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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