

Converting Colors

$Yxy(43.9827, 0.2720, 0.2640)$

Have a look what the booklet for
Yxy(43.9827, 0.2720, 0.2640)
contains.

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Color

Yxy(43.9813, 0.2720, 0.2639)

Conversions

Conversions Part 1

Format	Color
Hex	ABADE1
RGB	171, 173, 225
RGB Percent	67%, 68%, 88%
CMY	0.3294, 0.3216, 0.1176
CMYK	0.24, 0.23, 0.00, 0.12
HSL	238°, 47%, 78%
HSV	238°, 24%, 88%
XYZ	45.3312, 43.9813, 77.3464
YIQ	178.3300, -17.8840, 15.7480

Conversions

Conversions Part 2

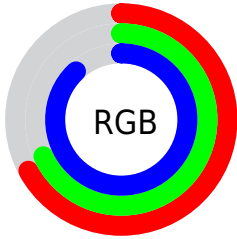
Format	Color
R _Y B	171, 173, 225
Decimal	11251169
CIE Lab	72.22, 10.41, -26.36
CIE LCh	72, 28.338, 291.553
Yxy	43.9813, 0.2720, 0.2639
Android (android.graphics.Color)	4289441249 (0xFFABADE1)
YUV	178.3300, 23.0083, -6.4284
Hunter-Lab	66.3184, 5.9546, -22.7264

Details

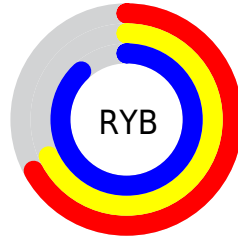
The Yxy color **43.9813, 0.2720, 0.2639** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **71.7394, 0.3493, 0.3867**, and the grayscale version is **44.5891, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0377, 0.2954, 0.3013**, and **20.4286, 0.2603, 0.2466** is the 20% darker color. If you saturate the color by 10%, you get **34.0195, 0.2520, 0.2316**, and if you desaturate by 10%, it is **55.7247, 0.2903, 0.2933**.

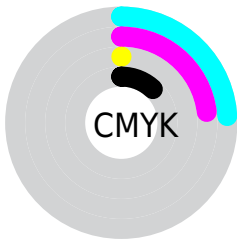
Distribution



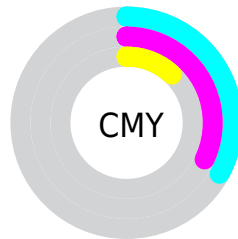
- Red (67%)
- Green (68%)
- Blue (88%)



- Red (67%)
- Yellow (68%)
- Blue (88%)



- Cyan (24%)
- Magenta (23%)
- Yellow (0%)
- Black (12%)



- Cyan (33%)
- Magenta (32%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9813, 0.2720, 0.2639 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 43.9813, 0.2720, 0.2639 by changing the saturation by 10% instead.

■ 43.9813, 0.2720,
0.2639

■ 43.9813, 0.2720,
0.2639

362.6320, 0.2925,
0.2956

■ 30.6558, 0.2669,
0.2563

■ 81.1896, 0.2795,
0.2752

■ 20.3369, 0.2604,
0.2468

105.8412, 0.2822,
0.2795

■ 12.6402, 0.2517,
0.2345

135.0370, 0.2846,
0.2831

■ 7.1812, 0.2399,
0.2180

169.1613, 0.2866,
0.2863

■ 3.5757, 0.2227,
0.1949

208.5985, 0.2884,
0.2891

■ 1.4392, 0.1959,
0.1611

253.7331, 0.2899,

■ 0.2453, 0.1452,

0.2915

0.0731

304.9495, 0.2913,
0.2936

0.0000, 0.0000,
0.0000

43.9813, 0.2720,
0.2639

43.9813, 0.2720,
0.2639

34.0195, 0.2520,
0.2316

55.7247, 0.2903,
0.2933

25.7474, 0.2309,
0.1973

69.3252, 0.3067,
0.3195

19.0728, 0.2097,
0.1626

84.8602, 0.3211,
0.3423

13.8925, 0.1899,
0.1297

98.2172, 0.3303,
0.3581

10.0916, 0.1730,
0.1013

■ 7.5380, 0.1605,
0.0797

■ 6.0741, 0.1530,
0.0662

■ 5.6175, 0.1505,
0.0618

Harmonies

Analogous

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



43.9813, 0.2467, 0.2682



43.9813, 0.2720, 0.2639



43.9813, 0.3096, 0.2748

Triad

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



43.9813, 0.2720, 0.2639



43.9813, 0.3935, 0.3614



43.9813, 0.2740, 0.3627

Complementary

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



43.9813, 0.2720, 0.2639



71.7394, 0.3493, 0.3867

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.



43.9813, 0.3117, 0.3928



43.9813, 0.2720, 0.2639



43.9813, 0.3817, 0.3887

Square

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



43.9813, 0.2720, 0.2639



43.9813, 0.3820, 0.3287



43.9813, 0.3513, 0.4016



43.9813, 0.2476, 0.3232

Rectangle

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



43.9813, 0.2720, 0.2639



43.9813, 0.3372, 0.2890



43.9813, 0.3513, 0.4016



43.9813, 0.2857, 0.3745

Sweetspot

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



43.9831, 0.2720, 0.2639



86.2882, 0.3019, 0.3119



67.8099, 0.2789, 0.3321



18.2289, 0.3010, 0.3103



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.



43.9831, 0.2720, 0.2639



51.2393, 0.2618, 0.2474



46.2092, 0.2909, 0.2649



13.3239, 0.2981, 0.3057



3.2736, 0.1507, 0.0624



0.2560, 0.1527, 0.0695

Inverse Universe

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



48.1559, 0.3608, 0.3268



57.7795, 0.3750, 0.3263



69.1785, 0.3307, 0.3924



13.7087, 0.3286, 0.3282



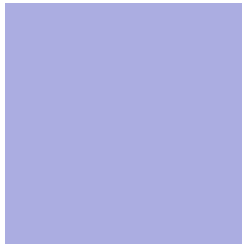
9.2385, 0.6360, 0.3277



0.6433, 0.6241, 0.3212

Previews

White Background



This preview shows how the Yxy color 43.9813, 0.2720, 0.2639 looks on a white background.

Color Contrast Check

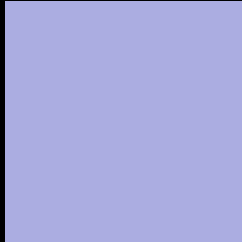
Large Text (above 18pt) WCAG AA × Fail

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 43.9813, 0.2720, 0.2639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

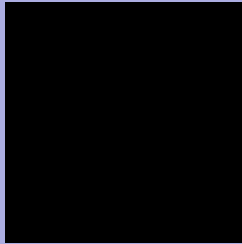
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9813, 0.2720, 0.2639

Background



This preview shows how black text looks on a background with the Yxy color 43.9813, 0.2720, 0.2639.



This preview shows how white text looks on a background with the Yxy color 43.9813, 0.2720, 0.2639.

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

43.9813, 0.2720, 0.2639

Protanopia

44.0434, 0.2664, 0.2645

Deuteranopia

44.1434, 0.2706, 0.2649



Tritanopia

44.0898, 0.2903, 0.3102

Trichromacy



Original Color

43.9813, 0.2720, 0.2639

Protanomaly

43.9786, 0.2685, 0.2636

Deuteranomaly

44.2544, 0.2714, 0.2651

Tritanomaly

44.0675, 0.2831, 0.2923

Monochromacy



Original Color

43.9813, 0.2720, 0.2639

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.1048, 0.2969, 0.3041

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9813, 0.2720, 0.2639 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(171, 173, 225)` looks like.

```
.text, #text, p{  
    color:rgb(171, 173, 225)  
}
```

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(171, 173, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 173, 225) }
```

Border

The CSS property to change the border of an element to Yxy 43.9813, 0.2720, 0.2639 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(171, 173, 225) }
```

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

```
.border{ border-color:rgb(171, 173, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 173, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 173, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 173, 225);  
box-shadow:4px 4px 4px 4px rgb(171, 173,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9813, 0.2720, 0.2639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 173, 225) }
```

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

```
.background{ background-color: rgb(171,  
173, 225) }
```

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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