

Converting Colors

$Yxy(43.8558, 0.2599, 0.2451)$

Have a look what the booklet for
Yxy(43.8558, 0.2599, 0.2451)
contains.

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Color

Yxy(43.7419, 0.2600, 0.2449)

Conversions

Conversions Part 1

Format	Color
Hex	A8ABF0
RGB	168, 171, 240
RGB Percent	66%, 67%, 94%
CMY	0.3412, 0.3294, 0.0588
CMYK	0.30, 0.29, 0.00, 0.06
HSL	237°, 71%, 80%
HSV	237°, 30%, 94%
XYZ	46.4389, 43.7419, 88.4304
YIQ	177.9690, -23.9370, 20.8230

Conversions

Conversions Part 2

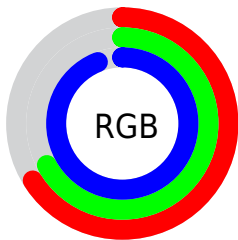
Format	Color
R _Y B	168, 171, 240
Decimal	11054064
CIE Lab	72.06, 14.26, -34.78
CIE LCh	72, 37.589, 292.291
Yxy	43.7419, 0.2600, 0.2449
Android (android.graphics.Color)	4289244144 (0xFFA8ABF0)
YUV	177.9690, 30.5813, -8.7428
Hunter-Lab	66.1377, 9.5939, -32.9783

Details

The Yxy color **43.7419, 0.2600, 0.2449** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **81.9177, 0.3589, 0.4012**, and the grayscale version is **44.3494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6203, 0.2940, 0.2991**, and **20.2318, 0.2452, 0.2235** is the 20% darker color. If you saturate the color by 10%, you get **33.4021, 0.2392, 0.2113**, and if you desaturate by 10%, it is **56.0829, 0.2794, 0.2761**.

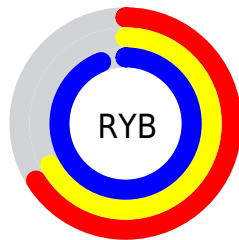
Distribution



Red (66%)

Green (67%)

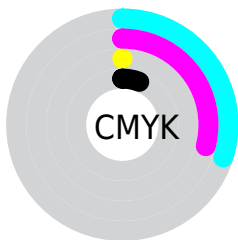
Blue (94%)



Red (66%)

Yellow (67%)

Blue (94%)

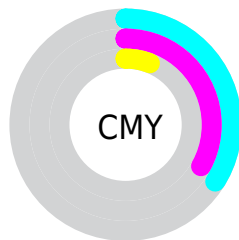


Cyan (30%)

Magenta (29%)

Yellow (0%)

Black (6%)



Cyan (34%)

Magenta (33%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7419, 0.2600, 0.2449 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 43.7419, 0.2600, 0.2449 by changing the saturation by 10% instead.

■ 43.7419, 0.2600,
0.2449

■ 43.7419, 0.2600,
0.2449

■ 361.6540, 0.2864,
0.2852

■ 30.4677, 0.2535,
0.2355

■ 80.8292, 0.2695,
0.2591

■ 20.1938, 0.2453,
0.2238

■ 105.4111, 0.2732,
0.2645

■ 12.5360, 0.2345,
0.2089

■ 134.5310, 0.2762,
0.2692

■ 7.1098, 0.2199,
0.1895

■ 168.5732, 0.2788,
0.2732

■ 3.5309, 0.1994,
0.1634

■ 207.9222, 0.2811,
0.2768

■ 1.4148, 0.1690,
0.1272

■ 252.9625, 0.2831,


■ 0.2276, 0.1204,


0.2799


0.0485


304.0782, 0.2849,
0.2827


 0.0000, 0.0000,
0.0000


 43.7419, 0.2600,
0.2449


 43.7419, 0.2600,
0.2449


 33.4021, 0.2392,
0.2113


 56.0829, 0.2794,
0.2761


 24.9532, 0.2179,
0.1765


 70.5172, 0.2971,
0.3042

 18.2822, 0.1974,
0.1426

 87.1376, 0.3127,
0.3290

 13.2621, 0.1791,
0.1121

 99.0711, 0.3214,
0.3434

 9.7488, 0.1647,
0.0875

■ 7.5736, 0.1552,
0.0706

■ 6.5084, 0.1505,
0.0619

■ 6.5083, 0.1505,
0.0619

Harmonies

Analogous

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



43.7419, 0.2274, 0.2490



43.7419, 0.2600, 0.2449



43.7419, 0.3092, 0.2595

Triad

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



43.7419, 0.2600, 0.2449



43.7419, 0.4199, 0.3704



43.7419, 0.2600, 0.3730

Complementary

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



43.7419, 0.2600, 0.2449



81.9177, 0.3589, 0.4012

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.



43.7419, 0.3088, 0.4150



43.7419, 0.2600, 0.2449



43.7419, 0.4025, 0.4070

Square

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



43.7419, 0.2600, 0.2449



43.7419, 0.4059, 0.3283



43.7419, 0.3612, 0.4262



43.7419, 0.2270, 0.3187

Rectangle

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



43.7419, 0.2600, 0.2449



43.7419, 0.3461, 0.2778



43.7419, 0.3612, 0.4262



43.7419, 0.2751, 0.3896

Sweetspot

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



43.7436, 0.2600, 0.2449



82.6659, 0.2987, 0.3068



76.7228, 0.2713, 0.3330



17.1358, 0.2963, 0.3029



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.



43.7436, 0.2600, 0.2449



42.6752, 0.2474, 0.2245



46.6318, 0.2841, 0.2469



15.3343, 0.2979, 0.3056



3.6101, 0.1507, 0.0626



0.3373, 0.1526, 0.0694

Inverse Universe

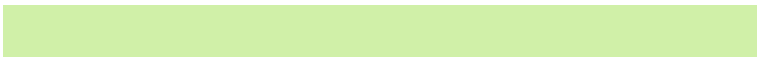
The Inverse Universe completely reimagines the original color for something new.



49.4714, 0.3773, 0.3259



50.3165, 0.3965, 0.3252



78.4976, 0.3350, 0.4100



15.7695, 0.3287, 0.3281



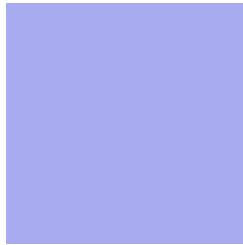
10.1578, 0.6357, 0.3275



0.8488, 0.6242, 0.3212

Previews

White Background



This preview shows how the Yxy color 43.7419, 0.2600, 0.2449 looks on a white background.

Color Contrast Check

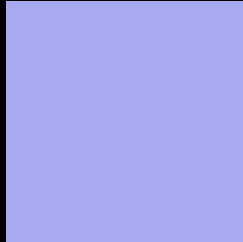
Large Text (above 18pt) WCAG AA × Fail

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 43.7419, 0.2600, 0.2449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

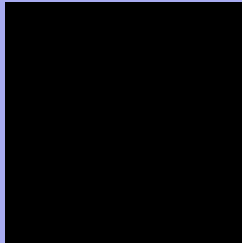
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7419, 0.2600, 0.2449

Background



This preview shows how black text looks on a background with the Yxy color 43.7419, 0.2600, 0.2449.



This preview shows how white text looks on a background with the Yxy color 43.7419, 0.2600, 0.2449.

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

43.7419, 0.2600, 0.2449

Protanopia

43.7508, 0.2511, 0.2448

Deuteranopia

43.7732, 0.2542, 0.2482



Tritanopia

43.8067, 0.2841, 0.3099

Trichromacy



Original Color

43.7419, 0.2600, 0.2449

Protanomaly

43.7116, 0.2542, 0.2452

Deuteranomaly

43.8005, 0.2567, 0.2475

Tritanomaly

43.8288, 0.2751, 0.2845

Monochromacy



Original Color

43.7419, 0.2600, 0.2449

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.8757, 0.2915, 0.2952

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7419, 0.2600, 0.2449 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(168, 171, 240)` looks like.

```
.text, #text, p{  
    color:rgb(168, 171, 240)  
}
```

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(168, 171, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 171, 240) }
```

Border

The CSS property to change the border of an element to Yxy 43.7419, 0.2600, 0.2449 is called "border". The border property can be set on classes, ids or directly on the HTML element.

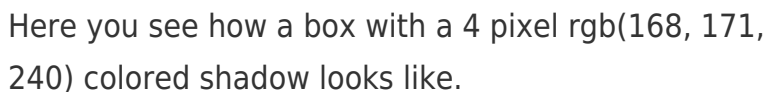
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 171, 240) }
```

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

```
.border{ border-color:rgb(168, 171, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 171, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 171, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 171, 240); box-shadow:4px 4px 4px 4px rgb(168, 171, 240) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7419, 0.2600, 0.2449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 171, 240) }
```

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

```
.background{ background-color: rgb(168,  
171, 240) }
```

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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