

Converting Colors

$Y_{xy}(43.4270, 0.2439, 0.2499)$

Have a look what the booklet for
Yxy(43.4270, 0.2439, 0.2499)
contains.

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Color

Yxy(43.3390, 0.2438, 0.2499)

Conversions

Conversions Part 1

Format	Color
Hex	8DB1EF
RGB	141, 177, 239
RGB Percent	55%, 69%, 94%
CMY	0.4472, 0.3058, 0.0627
CMYK	0.41, 0.26, 0.00, 0.06
HSL	218°, 75%, 75%
HSV	218°, 41%, 94%
XYZ	42.2811, 43.3390, 87.8053
YIQ	173.3040, -41.3580, 11.6500

Conversions

Conversions Part 2

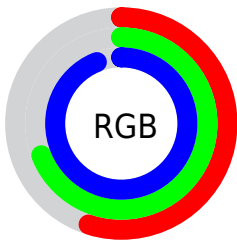
Format	Color
RYB	141, 167, 239
Decimal	9286127
CIELab	71.78, 3.30, -34.81
CIELCh	72, 34.963, 275.423
Yxy	43.3390, 0.2438, 0.2499
Android (android.graphics.Color)	4287476207 (0xFF8DB1EF)
YUV	173.3040, 32.3881, -28.3306
Hunter-Lab	65.8324, -0.5643, -32.9966

Details

The Yxy color **43.3390, 0.2438, 0.2499** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **62.9619, 0.3889, 0.3965**, and the grayscale version is **41.7963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9390, 0.2776, 0.3042**, and **20.0646, 0.2256, 0.2295** is the 20% darker color. If you saturate the color by 10%, you get **35.8242, 0.2263, 0.2262**, and if you desaturate by 10%, it is **51.9702, 0.2615, 0.2721**.

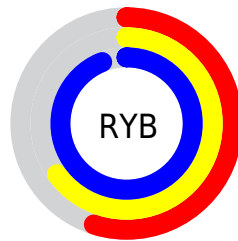
Distribution



Red (55%)

Green (69%)

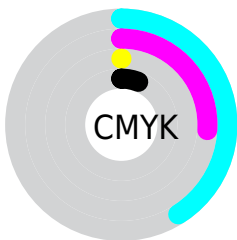
Blue (94%)



Red (55%)

Yellow (65%)

Blue (94%)

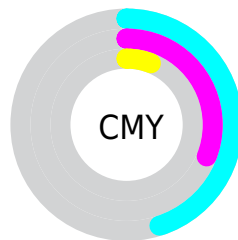


Cyan (41%)

Magenta (26%)

Yellow (0%)

Black (6%)



Cyan (45%)


Magenta (31%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3390, 0.2438, 0.2499 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 43.3390, 0.2438, 0.2499 by changing the saturation by 10% instead.


 43.3390, 0.2438,
0.2499


 43.3390, 0.2438,
0.2499


360.0041, 0.2778,
0.2885

 30.1512, 0.2356,
0.2407


 80.2222, 0.2560,
0.2636

 19.9534, 0.2253,
0.2292


 104.6863, 0.2606,
0.2689

 12.3612, 0.2120,
0.2144


133.6781, 0.2645,
0.2733

 6.9901, 0.1943,
0.1949

167.5817, 0.2679,
0.2772

 3.4559, 0.1699,
0.1683

206.7818, 0.2709,
0.2806

 1.3741, 0.1351,
0.1310

251.6626, 0.2734,

 0.1976, 0.0626,

0.2835

0.0461

302.6086, 0.2757,
0.2862

0.0000, 0.0000,
0.0000

43.3390, 0.2438,
0.2499

43.3390, 0.2438,
0.2499

35.8242, 0.2263,
0.2262

51.9702, 0.2615,
0.2721

29.3700, 0.2095,
0.2017

61.7600, 0.2789,
0.2925

23.9226, 0.1944,
0.1771

72.7544, 0.2955,
0.3110

19.4206, 0.1816,
0.1534

84.9950, 0.3112,
0.3274

15.7933, 0.1716,
0.1316

97.4719, 0.3222,
0.3421

■ 13.1952, 0.1651,
0.1143

■ 99.0126, 0.3220,
0.3444

Harmonies

Analogous

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



43.3390, 0.2239, 0.2649



43.3390, 0.2438, 0.2499



43.3390, 0.2822, 0.2539

Triad

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



43.3390, 0.2438, 0.2499



43.3390, 0.4090, 0.3461



43.3390, 0.2882, 0.3945

Complementary

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



43.3390, 0.2438, 0.2499



62.9619, 0.3889, 0.3965

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.



43.3390, 0.3374, 0.4187



43.3390, 0.2438, 0.2499



43.3390, 0.4092, 0.3845

Square

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



43.3390, 0.2438, 0.2499



43.3390, 0.3800, 0.3071



43.3390, 0.3821, 0.4127



43.3390, 0.2476, 0.3480

Rectangle

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



43.3390, 0.2438, 0.2499



43.3390, 0.3150, 0.2660



43.3390, 0.3821, 0.4127



43.3390, 0.3042, 0.4059

Sweetspot

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



43.3406, 0.2438, 0.2499



82.9227, 0.2939, 0.3092



71.6344, 0.2750, 0.3757



17.3782, 0.2917, 0.3069



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.



43.3406, 0.2438, 0.2499



43.0208, 0.2295, 0.2307



31.9815, 0.2445, 0.2051



16.1807, 0.2980, 0.3136



7.5203, 0.1659, 0.1172



0.8094, 0.1732, 0.1434

Inverse Universe

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



40.5629, 0.3783, 0.2892



40.3732, 0.3982, 0.2817



80.0844, 0.3656, 0.4336



15.8550, 0.3235, 0.3203



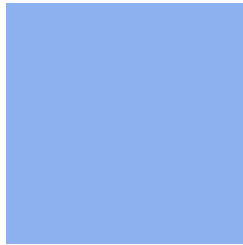
10.5525, 0.5507, 0.2807



0.8964, 0.5146, 0.2609

Previews

White Background



This preview shows how the Yxy color 43.3390, 0.2438, 0.2499 looks on a white background.

Color Contrast Check

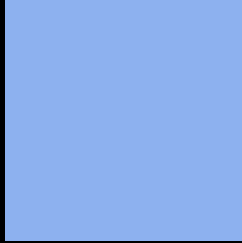
Large Text (above 18pt) WCAG AA × Fail

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 43.3390, 0.2438, 0.2499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

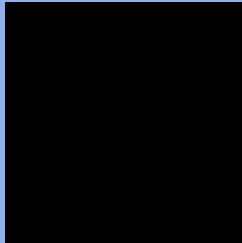
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

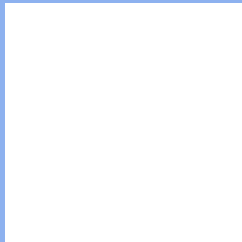
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3390, 0.2438, 0.2499

Background



This preview shows how black text looks on a background with the Yxy color 43.3390, 0.2438, 0.2499.



This preview shows how white text looks on a background with the Yxy color 43.3390, 0.2438, 0.2499.

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

43.3390, 0.2438, 0.2499

Protanopia

43.1114, 0.2551, 0.2500

Deuteranopia

43.2463, 0.2521, 0.2456



Tritanopia

43.2298, 0.2620, 0.3077

Trichromacy



Original Color

43.3390, 0.2438, 0.2499

Protanomaly

42.9658, 0.2507, 0.2494

Deuteranomaly

43.1427, 0.2490, 0.2462

Tritanomaly

43.0537, 0.2550, 0.2840

Monochromacy



Original Color

43.3390, 0.2438, 0.2499

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.8804, 0.2839, 0.2979

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3390, 0.2438, 0.2499 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(141, 177, 239)` looks like.

```
.text, #text, p{  
    color:rgb(141, 177, 239)  
}
```

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(141, 177, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 177, 239) }
```

Border

The CSS property to change the border of an element to Yxy 43.3390, 0.2438, 0.2499 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(141, 177, 239) }
```

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

```
.border{ border-color:rgb(141, 177, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 177, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 177, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 177, 239);  
box-shadow:4px 4px 4px 4px rgb(141, 177,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3390, 0.2438, 0.2499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 177, 239) }
```

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

```
.background{ background-color: rgb(141,  
177, 239) }
```

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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