

Converting Colors

$Y_{xy}(44.5041, 0.2595, 0.2476)$

Have a look what the booklet for
Yxy(44.5041, 0.2595, 0.2476)
contains.

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Color

Yxy(44.3939, 0.2596, 0.2472)

Conversions

Conversions Part 1	
Format	Color
Hex	A7ADF0
RGB	167, 173, 240
RGB Percent	65%, 68%, 94%
CMY	0.3449, 0.3216, 0.0587
CMYK	0.30, 0.28, 0.00, 0.06
HSL	235°, 71%, 80%
HSV	235°, 30%, 94%
XYZ	46.6208, 44.3939, 88.5723
YIQ	178.8440, -25.0830, 19.5650

Conversions

Conversions Part 2

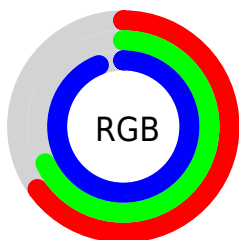
Format	Color
RYB	167, 173, 240
Decimal	10989040
CIELab	72.49, 12.89, -34.13
CIELCh	72, 36.483, 290.698
Yxy	44.3939, 0.2596, 0.2472
Android (android.graphics.Color)	4289179120 (0xFFA7ADF0)
YUV	178.8440, 30.1499, -10.3872
Hunter-Lab	66.6287, 8.2979, -32.1765

Details

The Yxy color `44.3939, 0.2596, 0.2472` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `80.2311, 0.3603, 0.3994`, and the grayscale version is `44.8443, 0.3127, 0.3290`.

A 20% lighter version of the original color is `78.5541, 0.2934, 0.3012`, and `20.6461, 0.2448, 0.2266` is the 20% darker color. If you saturate the color by 10%, you get `34.2476, 0.2391, 0.2148`, and if you desaturate by 10%, it is `56.4250, 0.2789, 0.2772`.

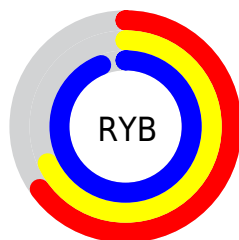
Distribution



Red (65%)

Green (68%)

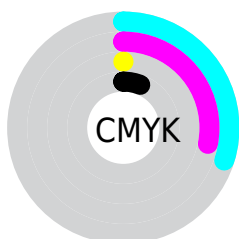
Blue (94%)



Red (65%)

Yellow (68%)

Blue (94%)

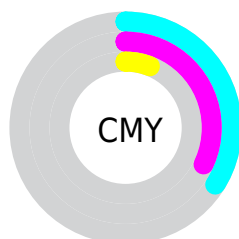


Cyan (30%)

Magenta (28%)

Yellow (0%)

Black (6%)



Cyan (34%)


Magenta (32%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3939, 0.2596, 0.2472 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 44.3939, 0.2596, 0.2472 by changing the saturation by 10% instead.


 44.3939, 0.2596,
0.2472

 44.3939, 0.2596,
0.2472


364.3133, 0.2861,
0.2864

 30.9803, 0.2531,
0.2380


 81.8101, 0.2692,
0.2610

 20.5838, 0.2449,
0.2266


106.5816, 0.2728,
0.2663

 12.8202, 0.2341,
0.2121

135.9077, 0.2758,
0.2709

 7.3048, 0.2197,
0.1931

170.1730, 0.2785,
0.2748

 3.6535, 0.1993,
0.1675

209.7618, 0.2808,
0.2782

 1.4817, 0.1691,
0.1319


255.0585, 0.2828,


 0.2758, 0.1210,


0.2813


0.0578

306.4475, 0.2845,
0.2840


 0.0000, 0.0000,
0.0000


 44.3939, 0.2596,
0.2472


 44.3939, 0.2596,
0.2472


 34.2476, 0.2391,
0.2148


 56.4250, 0.2789,
0.2772


 25.8855, 0.2182,
0.1812


 70.4243, 0.2964,
0.3042

 19.2057, 0.1981,
0.1481

 86.4765, 0.3121,
0.3281

 14.0938, 0.1801,
0.1177

 99.0730, 0.3214,
0.3434

 10.4208, 0.1658,
0.0926

■ 8.0374, 0.1561,
0.0744

■ 6.7750, 0.1512,
0.0641

Harmonies

Analogous

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



44.3939, 0.2289, 0.2523



44.3939, 0.2596, 0.2472



44.3939, 0.3067, 0.2604

Triad

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



44.3939, 0.2596, 0.2472



44.3939, 0.4164, 0.3672



44.3939, 0.2641, 0.3741

Complementary

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



44.3939, 0.2596, 0.2472



80.2311, 0.3603, 0.3994

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.



44.3939, 0.3119, 0.4132



44.3939, 0.2596, 0.2472



44.3939, 0.4012, 0.4031

Square

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



44.3939, 0.2596, 0.2472



44.3939, 0.4011, 0.3263



44.3939, 0.3622, 0.4225



44.3939, 0.2310, 0.3219

Rectangle

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



44.3939, 0.2596, 0.2472



44.3939, 0.3422, 0.2778



44.3939, 0.3622, 0.4225



44.3939, 0.2789, 0.3897

Sweetspot

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



44.3956, 0.2596, 0.2472



83.1797, 0.2987, 0.3077



76.4977, 0.2720, 0.3359



17.2610, 0.2963, 0.3040



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.



44.3956, 0.2596, 0.2472



44.0206, 0.2480, 0.2289



45.8865, 0.2817, 0.2452



15.4347, 0.2979, 0.3066



3.7826, 0.1515, 0.0653



0.3853, 0.1550, 0.0780

Inverse Universe

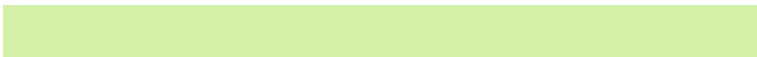
The Inverse Universe completely reimagines the original color for something new.



49.2072, 0.3758, 0.3226



50.4523, 0.3930, 0.3214



78.7770, 0.3369, 0.4108



15.7796, 0.3281, 0.3271



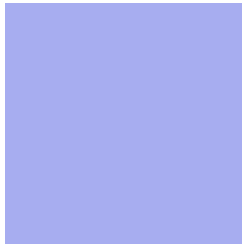
10.1752, 0.6312, 0.3251



0.8536, 0.6102, 0.3135

Previews

White Background



This preview shows how the Yxy color 44.3939, 0.2596, 0.2472 looks on a white background.

Color Contrast Check

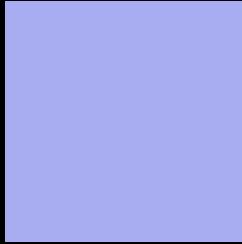
Large Text (above 18pt) WCAG AA × Fail

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 44.3939, 0.2596, 0.2472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

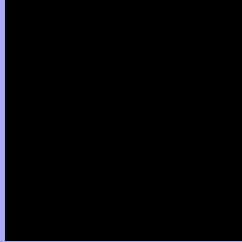
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3939, 0.2596, 0.2472

Background



This preview shows how black text looks on a background with the Yxy color 44.3939, 0.2596, 0.2472.



This preview shows how white text looks on a background with the Yxy color 44.3939, 0.2596, 0.2472.

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

44.3939, 0.2596, 0.2472

Protanopia

44.3398, 0.2526, 0.2464

Deuteranopia

44.4248, 0.2551, 0.2488



Tritanopia

44.3024, 0.2828, 0.3087

Trichromacy



Original Color
44.3939, 0.2596, 0.2472

Protanomaly
44.2000, 0.2550, 0.2466

Deuteranomaly
44.3499, 0.2570, 0.2479

Tritanomaly
44.1713, 0.2738, 0.2845

Monochromacy



Original Color
44.3939, 0.2596, 0.2472

Achromatopsia
45.0786, 0.3127, 0.3290

Achromatomaly
44.7753, 0.2924, 0.2979

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3939, 0.2596, 0.2472 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(167, 173, 240) looks like.

```
.text, #text, p{  
    color:rgb(167, 173, 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(167, 173, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 173, 240) }
```

Border

The CSS property to change the border of an element to Yxy 44.3939, 0.2596, 0.2472 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(167, 173, 240) }
```

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

```
.border{ border-color:rgb(167, 173, 240) }
```

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

Here you see how a box with a 4 pixel rgb(167, 173, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 173, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 173, 240);  
box-shadow:4px 4px 4px 4px rgb(167, 173,  
240) }
```

Background

The CSS property to change the background color of an element to Yxy 44.3939, 0.2596, 0.2472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 173, 240) }
```

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

```
.background{ background-color: rgb(167,  
173, 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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