

Converting Colors

$Yxy(38.4830, 0.2493, 0.2395)$

Have a look what the booklet for
Yxy(38.4830, 0.2493, 0.2395)
contains.

Yxy(38.3735, 0.2489, 0.2387)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.3735, 0.2489, 0.2387)

Conversions

Conversions Part 1

Format	Color
Hex	94A3E9
RGB	148, 163, 233
RGB Percent	58%, 64%, 91%
CMY	0.4197, 0.3607, 0.0863
CMYK	0.36, 0.30, 0.00, 0.09
HSL	229°, 66%, 75%
HSV	229°, 36%, 91%
XYZ	40.0133, 38.3735, 82.3736
YIQ	166.4950, -31.4100, 18.5900

Conversions

Conversions Part 2

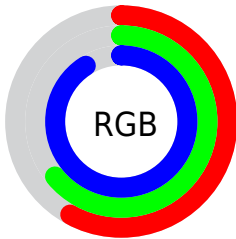
Format	Color
RYB	148, 161, 233
Decimal	9741289
CIELab	68.29, 11.40, -36.90
CIElCh	68, 38.621, 287.161
Yxy	38.3735, 0.2489, 0.2387
Android (android.graphics.Color)	4287931369 (0xFF94A3E9)
YUV	166.4950, 32.7870, -16.2201
Hunter-Lab	61.9463, 6.8931, -35.4789

Details

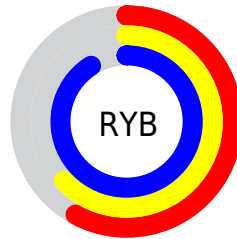
The Yxy color **38.3735, 0.2489, 0.2387** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **69.5781, 0.3729, 0.4054**, and the grayscale version is **38.2344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2002, 0.2802, 0.2891**, and **17.1423, 0.2310, 0.2158** is the 20% darker color. If you saturate the color by 10%, you get **30.1141, 0.2291, 0.2087**, and if you desaturate by 10%, it is **48.1060, 0.2681, 0.2669**.

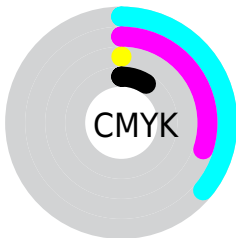
Distribution



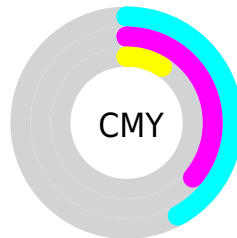
- Red (58%)
- Green (64%)
- Blue (91%)



- Red (58%)
- Yellow (63%)
- Blue (91%)



- Cyan (36%)
- Magenta (30%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (36%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.3735, 0.2489, 0.2387 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 38.3735, 0.2489, 0.2387 by changing the saturation by 10% instead.

■ 38.3735, 0.2489,
0.2387

■ 38.3735, 0.2489,
0.2387

■ 339.2195, 0.2812,
0.2828

■ 26.2727, 0.2409,
0.2282

■ 72.6803, 0.2607,
0.2544

■ 17.0278, 0.2306,
0.2150

■ 95.6550, 0.2651,
0.2604

■ 10.2543, 0.2172,
0.1981

■ 123.0232, 0.2688,
0.2655

■ 5.5679, 0.1990,
0.1759

■ 155.1692, 0.2720,
0.2699

■ 2.5842, 0.1733,
0.1459

■ 192.4774, 0.2748,
0.2738

■ 0.9187, 0.1358,
0.1048

■ 235.3323, 0.2772,

■ 0.0000, 0.0302,

0.2772

0.0000

284.1182, 0.2794,
0.2802

■ 0.0000, 0.0000,
0.0000

■ 38.3735, 0.2489,
0.2387

■ 38.3735, 0.2489,
0.2387

■ 30.1141, 0.2291,
0.2087

■ 48.1060, 0.2681,
0.2669

■ 23.2506, 0.2096,
0.1778

■ 59.3747, 0.2862,
0.2926

■ 17.7053, 0.1914,
0.1476

■ 72.2445, 0.3028,
0.3156

■ 13.3909, 0.1758,
0.1199

■ 86.7752, 0.3178,
0.3358

■ 10.2089, 0.1638,
0.0966

■ 98.6621, 0.3256,
0.3503

■ 8.0434, 0.1560,
0.0791

■ 7.4808, 0.1540,
0.0743

Harmonies

Analogous

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



38.3735, 0.2180, 0.2464



38.3735, 0.2489, 0.2387



38.3735, 0.2989, 0.2511

Triad

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



38.3735, 0.2489, 0.2387



38.3735, 0.4276, 0.3649



38.3735, 0.2641, 0.3859

Complementary

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



38.3735, 0.2489, 0.2387



69.5781, 0.3729, 0.4054

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.



38.3735, 0.3179, 0.4266



38.3735, 0.2489, 0.2387



38.3735, 0.4140, 0.4061

Square

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



38.3735, 0.2489, 0.2387



38.3735, 0.4068, 0.3202



38.3735, 0.3730, 0.4318



38.3735, 0.2256, 0.3273

Rectangle

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



38.3735, 0.2489, 0.2387



38.3735, 0.3382, 0.2688



38.3735, 0.3730, 0.4318



38.3735, 0.2809, 0.4027

Sweetspot

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



38.3750, 0.2489, 0.2387



81.2045, 0.2954, 0.3054



69.5921, 0.2696, 0.3479



16.9220, 0.2931, 0.3023



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.



38.3750, 0.2489, 0.2387



39.1064, 0.2336, 0.2156



36.1601, 0.2669, 0.2247



14.9794, 0.2980, 0.3090



4.3715, 0.1545, 0.0762



0.4676, 0.1609, 0.0993

Inverse Universe

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



41.1406, 0.3852, 0.3120



43.4762, 0.4088, 0.3085



73.5359, 0.3475, 0.4262



15.0975, 0.3265, 0.3249



9.9341, 0.6131, 0.3151



0.7926, 0.5770, 0.2952

Previews

White Background



This preview shows how the Yxy color 38.3735, 0.2489, 0.2387 looks on a white background.

Color Contrast Check

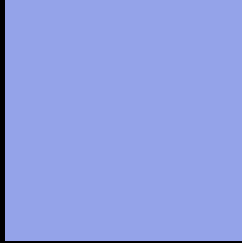
Large Text (above 18pt) WCAG AA × Fail

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 38.3735, 0.2489, 0.2387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

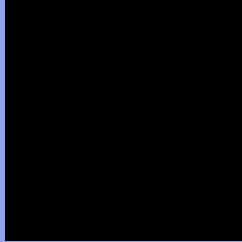
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3735, 0.2489, 0.2387

Background



This preview shows how black text looks on a background with the Yxy color 38.3735, 0.2489, 0.2387.



This preview shows how white text looks on a background with the Yxy color 38.3735, 0.2489, 0.2387.

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

38.3735, 0.2489, 0.2387

Protanopia

38.5112, 0.2465, 0.2385

Deuteranopia

38.2738, 0.2457, 0.2392



Tritanopia

38.3686, 0.2728, 0.3085

Trichromacy



Original Color

38.3735, 0.2489, 0.2387

Protanomaly

38.6024, 0.2471, 0.2386

Deuteranomaly

38.4539, 0.2470, 0.2395

Tritanomaly

38.3505, 0.2638, 0.2813

Monochromacy



Original Color

38.3735, 0.2489, 0.2387

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.9989, 0.2869, 0.2942

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3735, 0.2489, 0.2387 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(148, 163, 233)` looks like.

```
.text, #text, p{  
    color:rgb(148, 163, 233)  
}
```

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(148, 163, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 163, 233) }
```

Border

The CSS property to change the border of an element to Yxy 38.3735, 0.2489, 0.2387 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(148, 163, 233) }
```

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

```
.border{ border-color:rgb(148, 163, 233) }
```

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

Here you see how a box with a 4 pixel rgb(148, 163, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 163, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 163, 233);  
box-shadow:4px 4px 4px 4px rgb(148, 163,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3735, 0.2489, 0.2387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 163, 233) }
```

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

```
.background{ background-color: rgb(148,  
163, 233) }
```

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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