

Converting Colors

$Yxy(39.2973, 0.2421, 0.2368)$

Have a look what the booklet for
Yxy(39.2973, 0.2421, 0.2368)
contains.

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Color

Yxy(39.1082, 0.2420, 0.2363)

Conversions

Conversions Part 1

Format	Color
Hex	8DA6EE
RGB	141, 166, 238
RGB Percent	55%, 65%, 93%
CMY	0.4472, 0.3490, 0.0666
CMYK	0.41, 0.30, 0.00, 0.07
HSL	225°, 74%, 74%
HSV	225°, 41%, 93%
XYZ	40.0516, 39.1082, 86.3426
YIQ	166.7330, -38.0120, 17.0920

Conversions

Conversions Part 2

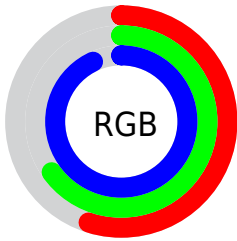
Format	Color
RYB	141, 161, 238
Decimal	9283310
CIELab	68.83, 9.21, -38.86
CIELCh	69, 39.938, 283.334
Yxy	39.1082, 0.2420, 0.2363
Android (android.graphics.Color)	4287473390 (0xFF8DA6EE)
YUV	166.7330, 35.1346, -22.5678
Hunter-Lab	62.5365, 4.8815, -38.0846

Details

The Yxy color **39.1082, 0.2420, 0.2363** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **67.6841, 0.3837, 0.4067**, and the grayscale version is **38.3455, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9387, 0.2766, 0.2921**, and **17.3905, 0.2222, 0.2112** is the 20% darker color. If you saturate the color by 10%, you get **31.2564, 0.2231, 0.2086**, and if you desaturate by 10%, it is **48.2931, 0.2608, 0.2625**.

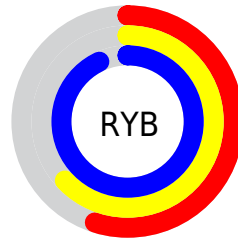
Distribution



Red (55%)

Green (65%)

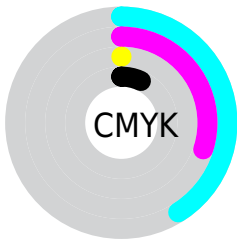
Blue (93%)



Red (55%)

Yellow (63%)

Blue (93%)

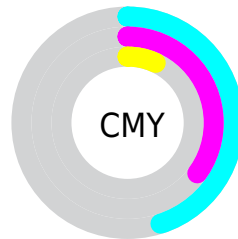


Cyan (41%)

Magenta (30%)

Yellow (0%)

Black (7%)



Cyan (45%)

Magenta (35%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.1082, 0.2420, 0.2363 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 39.1082, 0.2420, 0.2363 by changing the saturation by 10% instead.

■ 39.1082, 0.2420,
0.2363

■ 39.1082, 0.2420,
0.2363

■ 342.3503, 0.2775,
0.2815

■ 26.8439, 0.2333,
0.2256

■ 73.8036, 0.2548,
0.2523

■ 17.4560, 0.2223,
0.2122

■ 97.0035, 0.2597,
0.2585

■ 10.5602, 0.2080,
0.1951

■ 124.6173, 0.2638,
0.2637

■ 5.7719, 0.1888,
0.1728

■ 157.0296, 0.2673,
0.2683

■ 2.7069, 0.1623,
0.1428

■ 194.6246, 0.2704,
0.2722

■ 0.9807, 0.1245,
0.1023

■ 237.7868, 0.2730,


■ 0.0000, 0.0272,


0.2757


0.0000


286.9006, 0.2754,
0.2788

 0.0000, 0.0000,
0.0000

 39.1082, 0.2420,
0.2363


 39.1082, 0.2420,
0.2363

 31.2564, 0.2231,
0.2086


 48.2931, 0.2608,
0.2625


 24.6685, 0.2049,
0.1802


 58.8667, 0.2789,
0.2866


 19.2754, 0.1885,
0.1524

 70.8869, 0.2959,
0.3083

 14.9991, 0.1747,
0.1267

 84.4066, 0.3116,
0.3276

 11.7505, 0.1643,
0.1045

 98.5191, 0.3227,
0.3447

■ 9.5550, 0.1578,
0.0880

■ 98.9543, 0.3226,
0.3454

Harmonies

Analogous

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



39.1082, 0.2133, 0.2469



39.1082, 0.2420, 0.2363



39.1082, 0.2911, 0.2466

Triad

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



39.1082, 0.2420, 0.2363



39.1082, 0.4301, 0.3597



39.1082, 0.2692, 0.3945

Complementary

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



39.1082, 0.2420, 0.2363



67.6841, 0.3837, 0.4067

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.



39.1082, 0.3253, 0.4324



39.1082, 0.2420, 0.2363



39.1082, 0.4202, 0.4031

Square

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



39.1082, 0.2420, 0.2363



39.1082, 0.4043, 0.3142



39.1082, 0.3809, 0.4326



39.1082, 0.2272, 0.3349

Rectangle

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



39.1082, 0.2420, 0.2363



39.1082, 0.3310, 0.2634



39.1082, 0.3809, 0.4326



39.1082, 0.2869, 0.4108

Sweetspot

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



39.1097, 0.2420, 0.2363



81.0102, 0.2938, 0.3057



71.5825, 0.2694, 0.3608



16.9302, 0.2916, 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.



39.1097, 0.2420, 0.2363



37.9106, 0.2261, 0.2130



33.0672, 0.2537, 0.2087



15.8916, 0.2980, 0.3109



5.5062, 0.1585, 0.0905



0.6134, 0.1654, 0.1153

Inverse Universe

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



39.9755, 0.3893, 0.3012



39.8573, 0.4141, 0.2959



77.5880, 0.3570, 0.4361



15.8258, 0.3253, 0.3229



10.3492, 0.5904, 0.3026



0.8766, 0.5533, 0.2822

Previews

White Background



This preview shows how the Yxy color 39.1082, 0.2420, 0.2363 looks on a white background.

Color Contrast Check

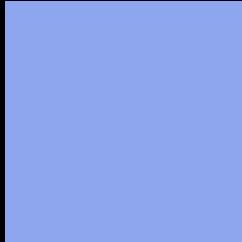
Large Text (above 18pt) WCAG AA × Fail

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 39.1082, 0.2420, 0.2363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

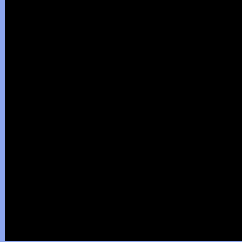
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1082, 0.2420, 0.2363

Background



This preview shows how black text looks on a background with the Yxy color 39.1082, 0.2420, 0.2363.



This preview shows how white text looks on a background with the Yxy color 39.1082, 0.2420, 0.2363.

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

39.1082, 0.2420, 0.2363

Protanopia

39.0444, 0.2450, 0.2366

Deuteranopia

39.1082, 0.2420, 0.2363



Tritanopia

38.9233, 0.2647, 0.3083

Trichromacy



Original Color

39.1082, 0.2420, 0.2363

Protanomaly

38.9540, 0.2443, 0.2365

Deuteranomaly

39.1082, 0.2420, 0.2363

Tritanomaly

38.9966, 0.2561, 0.2798

Monochromacy



Original Color

39.1082, 0.2420, 0.2363

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.7568, 0.2839, 0.2930

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1082, 0.2420, 0.2363 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, 166, 238)` looks like.

```
.text, #text, p{  
    color:rgb(141, 166, 238)  
}
```

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, 166, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 166, 238) }
```

Border

The CSS property to change the border of an element to Yxy 39.1082, 0.2420, 0.2363 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, 166, 238) }
```

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

```
.border{ border-color:rgb(141, 166, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 166, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 166, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 166, 238); box-shadow:4px 4px 4px 4px rgb(141, 166, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1082, 0.2420, 0.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 166, 238) }
```

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

```
.background{ background-color: rgb(141,  
166, 238) }
```

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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