

Converting Colors

$Yxy(39.2611, 0.2410, 0.2535)$

Have a look what the booklet for
Yxy(39.2611, 0.2410, 0.2535)
contains.

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Color

Yxy(39.2611, 0.2410, 0.2535)

Conversions

Conversions Part 1

Format	Color
Hex	80ABE3
RGB	128, 171, 227
RGB Percent	50%, 67%, 89%
CMY	0.4982, 0.3294, 0.1098
CMYK	0.44, 0.25, 0.00, 0.11
HSL	214°, 64%, 70%
HSV	214°, 44%, 89%
XYZ	37.3251, 39.2611, 78.2899
YIQ	164.5270, -43.6040, 8.3000

Conversions

Conversions Part 2

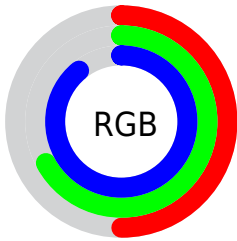
Format	Color
R _{YB}	128, 158, 227
Decimal	8432611
CIE Lab	68.94, 0.03, -32.73
CIE LCh	69, 32.727, 270.050
Yxy	39.2611, 0.2410, 0.2535
Android (android.graphics.Color)	4286622691 (0xFF80ABE3)
YUV	164.5270, 30.7992, -32.0342
Hunter-Lab	62.6587, -3.3220, -30.2198

Details

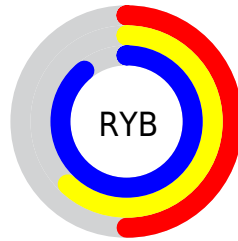
The Yxy color **39.2611, 0.2410, 0.2535** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **52.1491, 0.3976, 0.3934**, and the grayscale version is **37.2510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8031, 0.2688, 0.2969**, and **17.5116, 0.2211, 0.2330** is the 20% darker color. If you saturate the color by 10%, you get **33.0802, 0.2245, 0.2322**, and if you desaturate by 10%, it is **46.3094, 0.2580, 0.2735**.

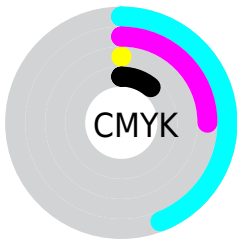
Distribution



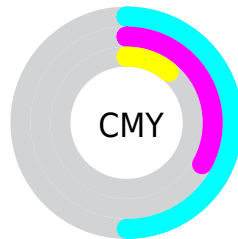
- Red (50%)
- Green (67%)
- Blue (89%)



- Red (50%)
- Yellow (62%)
- Blue (89%)



- Cyan (44%)
- Magenta (25%)
- Yellow (0%)
- Black (11%)





- Cyan (50%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2611, 0.2410, 0.2535 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 39.2611, 0.2410, 0.2535 by changing the saturation by 10% instead.


 39.2611, 0.2410,
0.2535


 39.2611, 0.2410,
0.2535


342.9993, 0.2768,
0.2912


 26.9629, 0.2322,
0.2442


 74.0370, 0.2539,
0.2671

 17.5454, 0.2211,
0.2325


 97.2835, 0.2588,
0.2723

 10.6241, 0.2066,
0.2172


 124.9483, 0.2630,
0.2766

 5.8147, 0.1870,
0.1967

157.4157, 0.2665,
0.2804

 2.7327, 0.1598,
0.1680

195.0701, 0.2696,
0.2836

 0.9938, 0.1204,
0.1266

238.2959, 0.2723,

 0.0000, 0.0000,

0.2865

0.0000

287.4775, 0.2747,
0.2890

■ 39.2611, 0.2410,
0.2535

■ 39.2611, 0.2410,
0.2535

■ 33.0802, 0.2245,
0.2322

■ 46.3094, 0.2580,
0.2735

■ 27.7222, 0.2091,
0.2102

■ 54.2575, 0.2749,
0.2920

■ 23.1449, 0.1954,
0.1881

■ 63.1415, 0.2914,
0.3089

■ 19.2992, 0.1839,
0.1665

■ 72.9938, 0.3072,
0.3239

■ 16.1275, 0.1751,
0.1463

■ 83.8452, 0.3221,
0.3373

■ 14.4102, 0.1707,
0.1344

■ 93.9467, 0.3299,
0.3496

■ 98.3266, 0.3292,
0.3562

Harmonies

Analogous

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



39.2611, 0.2252, 0.2717



39.2611, 0.2410, 0.2535



39.2611, 0.2755, 0.2541

Triad

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



39.2611, 0.2410, 0.2535



39.2611, 0.4027, 0.3388



39.2611, 0.2973, 0.3984

Complementary

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



39.2611, 0.2410, 0.2535



52.1491, 0.3976, 0.3934

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.



39.2611, 0.3452, 0.4167



39.2611, 0.2410, 0.2535



39.2611, 0.4082, 0.3767

Square

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



39.2611, 0.2410, 0.2535



39.2611, 0.3705, 0.3015



39.2611, 0.3863, 0.4065



39.2611, 0.2557, 0.3562

Rectangle

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



39.2611, 0.2410, 0.2535



39.2611, 0.3061, 0.2640



39.2611, 0.3863, 0.4065



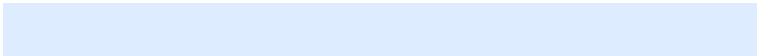
39.2611, 0.3132, 0.4078

Sweetspot

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



39.2626, 0.2410, 0.2535



82.8670, 0.2923, 0.3097



62.9240, 0.2768, 0.3883



17.1608, 0.2887, 0.3062



0.0000, 0.0000, 0.0000



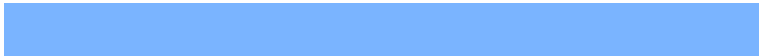
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.2626, 0.2410, 0.2535



44.0464, 0.2266, 0.2351



25.9510, 0.2345, 0.1948



14.9127, 0.2981, 0.3154



8.6259, 0.1714, 0.1372



0.8194, 0.1793, 0.1655

Inverse Universe

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



34.6988, 0.3763, 0.2793



38.5745, 0.3958, 0.2702



72.0389, 0.3736, 0.4376



14.4715, 0.3224, 0.3188



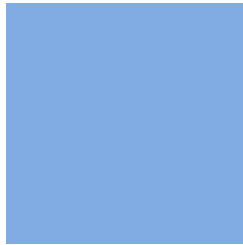
10.0685, 0.5229, 0.2654



0.7624, 0.4862, 0.2452

Previews

White Background



This preview shows how the Yxy color 39.2611, 0.2410, 0.2535 looks on a white background.

Color Contrast Check

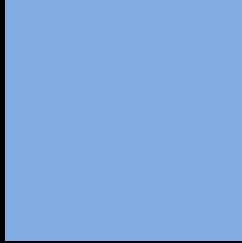
Large Text (above 18pt) WCAG AA × Fail

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 39.2611, 0.2410, 0.2535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

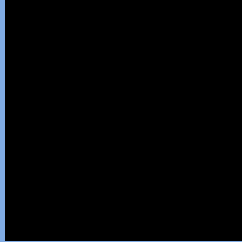
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

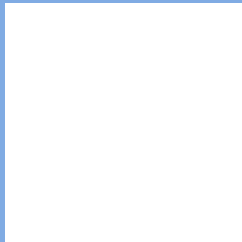
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.2611, 0.2410, 0.2535

Background



This preview shows how black text looks on a background with the Yxy color 39.2611, 0.2410, 0.2535.



This preview shows how white text looks on a background with the Yxy color 39.2611, 0.2410, 0.2535.

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

39.2611, 0.2410, 0.2535

Protanopia

39.2755, 0.2583, 0.2543

Deuteranopia

38.9957, 0.2536, 0.2470



Tritanopia

39.1016, 0.2565, 0.3067

Trichromacy



Original Color

39.2611, 0.2410, 0.2535

Protanomaly

39.2267, 0.2518, 0.2546

Deuteranomaly

38.9897, 0.2485, 0.2486

Tritanomaly

39.2053, 0.2507, 0.2860

Monochromacy



Original Color

39.2611, 0.2410, 0.2535

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.9437, 0.2827, 0.2992

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2611, 0.2410, 0.2535 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(128, 171, 227)` looks like.

```
.text, #text, p{  
    color:rgb(128, 171, 227)  
}
```

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(128, 171, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 171, 227) }
```

Border

The CSS property to change the border of an element to Yxy 39.2611, 0.2410, 0.2535 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(128, 171, 227) }
```

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

```
.border{ border-color:rgb(128, 171, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 171, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 171, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 171, 227);  
box-shadow:4px 4px 4px 4px rgb(128, 171,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2611, 0.2410, 0.2535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 171, 227) }
```

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

```
.background{ background-color: rgb(128,  
171, 227) }
```

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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