

Converting Colors

Yxy(39.5251, 0.2482, 0.2648)

Have a look what the booklet for
Yxy(39.5251, 0.2482, 0.2648)
contains.

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Color

Yxy(39.5251, 0.2482, 0.2648)

Conversions

Conversions Part 1

Format	Color
Hex	84ACDB
RGB	132, 172, 219
RGB Percent	52%, 67%, 86%
CMY	0.4826, 0.3254, 0.1412
CMYK	0.40, 0.21, 0.00, 0.14
HSL	212°, 55%, 69%
HSV	212°, 40%, 86%
XYZ	37.0473, 39.5251, 72.6916
YIQ	165.3980, -38.9270, 6.1370

Conversions

Conversions Part 2

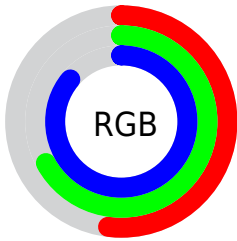
Format	Color
RYB	132, 159, 219
Decimal	8695003
CIELab	69.13, -1.70, -28.02
CIELCh	69, 28.074, 266.526
Yxy	39.5251, 0.2482, 0.2648
Android (android.graphics.Color)	4286885083 (0xFF84ACDB)
YUV	165.3980, 26.4258, -29.2900
Hunter-Lab	62.8690, -4.8346, -24.5451

Details

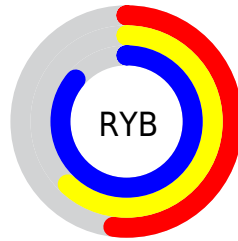
The Yxy color **39.5251, 0.2482, 0.2648** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **48.9351, 0.3894, 0.3851**, and the grayscale version is **37.7084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8495, 0.2712, 0.2982**, and **17.7330, 0.2301, 0.2464** is the 20% darker color. If you saturate the color by 10%, you get **33.6422, 0.2318, 0.2450**, and if you desaturate by 10%, it is **46.1817, 0.2649, 0.2833**.

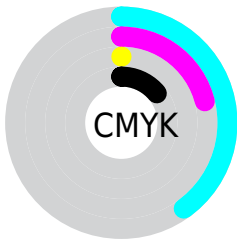
Distribution



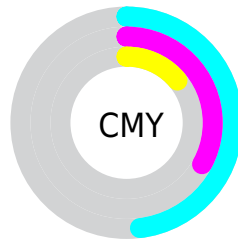
- Red (52%)
- Green (67%)
- Blue (86%)



- Red (52%)
- Yellow (62%)
- Blue (86%)



- Cyan (40%)
- Magenta (21%)
- Yellow (0%)
- Black (14%)





- Cyan (48%)
- Magenta (33%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5251, 0.2482, 0.2648 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 39.5251, 0.2482, 0.2648 by changing the saturation by 10% instead.


 39.5251, 0.2482,
0.2648

 39.5251, 0.2482,
0.2648

344.1179, 0.2805,
0.2972


 27.1685, 0.2402,
0.2567


 74.4398, 0.2599,
0.2766

 17.6998, 0.2300,
0.2464

 97.7667, 0.2643,
0.2810

 10.7347, 0.2166,
0.2329


 125.5191, 0.2681,
0.2847

 5.8887, 0.1984,
0.2143

158.0814, 0.2713,
0.2879

 2.7775, 0.1725,
0.1878

195.8380, 0.2741,
0.2907

 1.0167, 0.1339,
0.1477

239.1734, 0.2765,

 0.0000, 0.0000,

0.2931

0.0000

288.4719, 0.2786,
0.2953

■ 39.5251, 0.2482,
0.2648

■ 39.5251, 0.2482,
0.2648

■ 33.6422, 0.2318,
0.2450

■ 46.1817, 0.2649,
0.2833

■ 28.4946, 0.2163,
0.2243

■ 53.6388, 0.2815,
0.3002

■ 24.0472, 0.2022,
0.2031

■ 61.9273, 0.2977,
0.3156

■ 20.2588, 0.1901,
0.1822

■ 71.0749, 0.3131,
0.3293

■ 17.0824, 0.1805,
0.1620

■ 81.1079, 0.3277,
0.3415

■ 14.4448, 0.1732,
0.1433

■ 90.4342, 0.3356,
0.3527

■ 14.3839, 0.1730,
0.1429

■ 97.7351, 0.3340,
0.3639

■ 97.8943, 0.3340,
0.3641

Harmonies

Analogous

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



39.5251, 0.2364, 0.2831



39.5251, 0.2482, 0.2648



39.5251, 0.2766, 0.2631

Triad

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



39.5251, 0.2482, 0.2648



39.5251, 0.3874, 0.3342



39.5251, 0.3047, 0.3908

Complementary

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



39.5251, 0.2482, 0.2648



48.9351, 0.3894, 0.3851

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.



39.5251, 0.3458, 0.4038



39.5251, 0.2482, 0.2648



39.5251, 0.3952, 0.3673

Square

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



39.5251, 0.2482, 0.2648



39.5251, 0.3578, 0.3019



39.5251, 0.3794, 0.3936



39.5251, 0.2674, 0.3571

Rectangle

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



39.5251, 0.2482, 0.2648



39.5251, 0.3025, 0.2706



39.5251, 0.3794, 0.3936



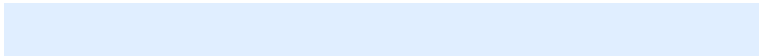
39.5251, 0.3186, 0.3978

Sweetspot

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



39.5266, 0.2482, 0.2648



84.5633, 0.2939, 0.3121



58.7920, 0.2803, 0.3840



17.7634, 0.2918, 0.3101



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.



39.5266, 0.2482, 0.2648



48.5439, 0.2340, 0.2477



26.7405, 0.2416, 0.2085



13.5999, 0.2982, 0.3160



8.7432, 0.1738, 0.1456



0.7375, 0.1824, 0.1766

Inverse Universe

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



34.5267, 0.3658, 0.2812



41.5973, 0.3830, 0.2712



66.9394, 0.3697, 0.4278



13.1507, 0.3220, 0.3183



9.5064, 0.5117, 0.2592



0.6331, 0.4726, 0.2377

Previews

White Background



This preview shows how the Yxy color 39.5251, 0.2482, 0.2648 looks on a white background.

Color Contrast Check

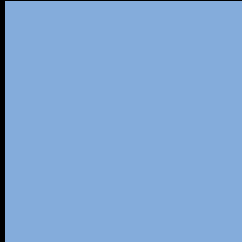
Large Text (above 18pt) WCAG AA × Fail

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 39.5251, 0.2482, 0.2648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

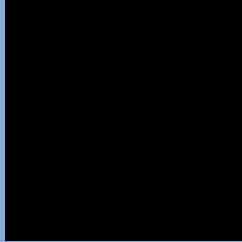
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

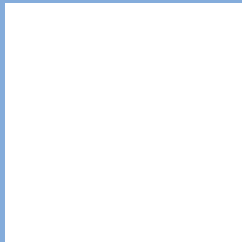
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.5251, 0.2482, 0.2648

Background



This preview shows how black text looks on a background with the Yxy color 39.5251, 0.2482, 0.2648.

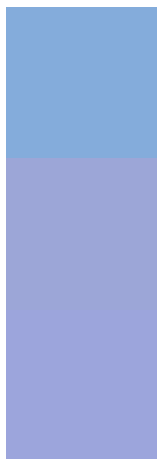


This preview shows how white text looks on a background with the Yxy color 39.5251, 0.2482, 0.2648.

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

39.5251, 0.2482, 0.2648

Protanopia

39.2467, 0.2665, 0.2640

Deuteranopia

39.1455, 0.2630, 0.2569



Tritanopia

39.5658, 0.2617, 0.3084

Trichromacy



Original Color

39.5251, 0.2482, 0.2648

Protanomaly

39.1662, 0.2595, 0.2645

Deuteranomaly

39.3756, 0.2570, 0.2598

Tritanomaly

39.4662, 0.2570, 0.2917

Monochromacy



Original Color

39.5251, 0.2482, 0.2648

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.2804, 0.2859, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5251, 0.2482, 0.2648 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(132, 172, 219)` looks like.

```
.text, #text, p{  
    color:rgb(132, 172, 219)  
}
```

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(132, 172, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 172, 219) }
```

Border

The CSS property to change the border of an element to Yxy 39.5251, 0.2482, 0.2648 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(132, 172, 219) }
```

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

```
.border{ border-color:rgb(132, 172, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 172, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 172, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 172, 219);  
box-shadow:4px 4px 4px 4px rgb(132, 172,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5251, 0.2482, 0.2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 172, 219) }
```

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

```
.background{ background-color: rgb(132,  
172, 219) }
```

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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