

Converting Colors

$Yxy(39.2800, 0.2683, 0.2688)$

Have a look what the booklet for
Yxy(39.2800, 0.2683, 0.2688)
contains.

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Color

Yxy(39.3595, 0.2679, 0.2689)

Conversions

Conversions Part 1

Format	Color
Hex	9BA7D4
RGB	155, 167, 212
RGB Percent	61%, 65%, 83%
CMY	0.3923, 0.3450, 0.1687
CMYK	0.27, 0.21, 0.00, 0.17
HSL	227°, 40%, 72%
HSV	227°, 27%, 83%
XYZ	39.2131, 39.3595, 67.7996
YIQ	168.5420, -21.5970, 11.4510

Conversions

Conversions Part 2

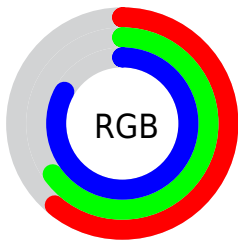
Format	Color
RYB	155, 165, 212
Decimal	10201044
CIELab	69.01, 5.79, -24.22
CIELCh	69, 24.899, 283.458
Yxy	39.3595, 0.2679, 0.2689
Android (android.graphics.Color)	4288391124 (0xFF9BA7D4)
YUV	168.5420, 21.4248, -11.8763
Hunter-Lab	62.7372, 1.7793, -20.1583

Details

The Yxy color **39.3595, 0.2679, 0.2689** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **57.6362, 0.3565, 0.3826**, and the grayscale version is **39.3372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1642, 0.2842, 0.2939**, and **17.5206, 0.2544, 0.2519** is the 20% darker color. If you saturate the color by 10%, you get **31.7093, 0.2491, 0.2420**, and if you desaturate by 10%, it is **48.1730, 0.2857, 0.2934**.

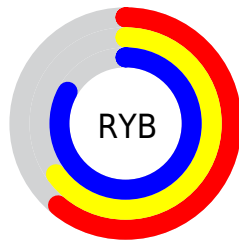
Distribution



Red (61%)

Green (65%)

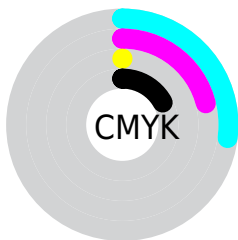
Blue (83%)



Red (61%)

Yellow (65%)

Blue (83%)

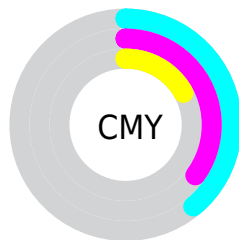


Cyan (27%)

Magenta (21%)

Yellow (0%)

Black (17%)



Cyan (39%)

Magenta (35%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3595, 0.2679, 0.2689 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 39.3595, 0.2679, 0.2689 by changing the saturation by 10% instead.

■ 39.3595, 0.2679,
0.2689

■ 39.3595, 0.2679,
0.2689

■ 343.4165, 0.2907,
0.2989

■ 27.0395, 0.2621,
0.2615

■ 74.1872, 0.2763,
0.2798

■ 17.6029, 0.2547,
0.2520

■ 97.4637, 0.2794,
0.2839

■ 10.6653, 0.2447,
0.2395

■ 125.1611, 0.2820,
0.2874

■ 5.8422, 0.2308,
0.2223

■ 157.6639, 0.2843,
0.2903

■ 2.7494, 0.2103,
0.1977

■ 195.3565, 0.2862,
0.2929

■ 1.0023, 0.1777,
0.1598

■ 238.6232, 0.2879,

■ 0.0000, 0.0214,

0.2952

0.0000

287.8484, 0.2894,
0.2972

0.0000, 0.0000,
0.0000

39.3595, 0.2679,
0.2689

39.3595, 0.2679,
0.2689

31.7093, 0.2491,
0.2420

48.1730, 0.2857,
0.2934

25.1682, 0.2297,
0.2133

58.1915, 0.3022,
0.3154

19.6849, 0.2107,
0.1837

69.4602, 0.3172,
0.3348

15.2018, 0.1930,
0.1545

82.0208, 0.3308,
0.3517

11.6554, 0.1777,
0.1273

94.7646, 0.3389,
0.3670

■ 8.9746, 0.1657,
0.1037

■ 97.5321, 0.3382,
0.3711

■ 7.0740, 0.1576,
0.0851

■ 6.6121, 0.1557,
0.0803

Harmonies

Analogous

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



39.3595, 0.2484, 0.2771



39.3595, 0.2679, 0.2689



39.3595, 0.3000, 0.2752

Triad

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



39.3595, 0.2679, 0.2689



39.3595, 0.3856, 0.3511



39.3595, 0.2860, 0.3683

Complementary

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



39.3595, 0.2679, 0.2689



57.6362, 0.3565, 0.3826

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.



39.3595, 0.3220, 0.3911



39.3595, 0.2679, 0.2689



39.3595, 0.3805, 0.3780

Square

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



39.3595, 0.2679, 0.2689



39.3595, 0.3695, 0.3209



39.3595, 0.3568, 0.3938



39.3595, 0.2583, 0.3336

Rectangle

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



39.3595, 0.2679, 0.2689



39.3595, 0.3250, 0.2865



39.3595, 0.3568, 0.3938



39.3595, 0.2975, 0.3778

Sweetspot

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



39.3611, 0.2679, 0.2689



86.4941, 0.3003, 0.3129



58.1923, 0.2810, 0.3448



17.9994, 0.2979, 0.3097



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.



39.3611, 0.2679, 0.2689



53.2537, 0.2577, 0.2545



36.8580, 0.2797, 0.2550



12.4296, 0.2982, 0.3100



4.2019, 0.1562, 0.0824



0.3758, 0.1652, 0.1145

Inverse Universe

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



40.2178, 0.3582, 0.3143



55.0464, 0.3709, 0.3111



61.1516, 0.3401, 0.3987



12.4633, 0.3258, 0.3241



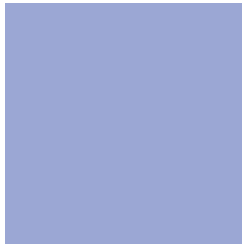
8.7690, 0.6032, 0.3096



0.5413, 0.5544, 0.2828

Previews

White Background



This preview shows how the Yxy color 39.3595, 0.2679, 0.2689 looks on a white background.

Color Contrast Check

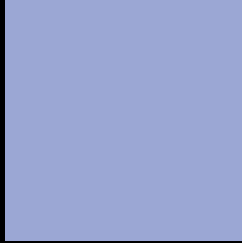
Large Text (above 18pt) WCAG AA × Fail

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 39.3595, 0.2679, 0.2689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

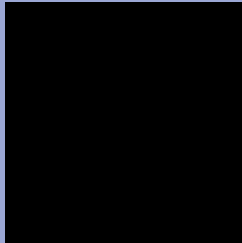
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3595, 0.2679, 0.2689

Background



This preview shows how black text looks on a background with the Yxy color 39.3595, 0.2679, 0.2689.



This preview shows how white text looks on a background with the Yxy color 39.3595, 0.2679, 0.2689.

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

39.3595, 0.2679, 0.2689

Protanopia

39.1940, 0.2693, 0.2677

Deuteranopia

39.3451, 0.2731, 0.2670



Tritanopia

39.4919, 0.2837, 0.3105

Trichromacy



Original Color

39.3595, 0.2679, 0.2689

Protanomaly

39.0938, 0.2685, 0.2676

Deuteranomaly

39.3968, 0.2709, 0.2680

Tritanomaly

39.3650, 0.2778, 0.2942

Monochromacy



Original Color

39.3595, 0.2679, 0.2689

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.4006, 0.2952, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3595, 0.2679, 0.2689 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(155, 167, 212)` looks like.

```
.text, #text, p{  
    color:rgb(155, 167, 212)  
}
```

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(155, 167, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 167, 212) }
```

Border

The CSS property to change the border of an element to Yxy 39.3595, 0.2679, 0.2689 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(155, 167, 212) }
```

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

```
.border{ border-color:rgb(155, 167, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 167, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 167, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 167, 212);  
box-shadow:4px 4px 4px 4px rgb(155, 167,  
212) }
```


Background

The CSS property to change the background color of an element to `rgb(155, 167, 212)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 167, 212) }
```

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

```
.background{ background-color: rgb(155,  
167, 212) }
```

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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