

Converting Colors

$Y_{xy}(39.7118, 0.2674, 0.2655)$

Have a look what the booklet for
Yxy(39.7118, 0.2674, 0.2655)
contains.

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Color

Yxy(39.7118, 0.2674, 0.2655)

Conversions

Conversions Part 1

Format	Color
Hex	9DA7D7
RGB	157, 167, 215
RGB Percent	62%, 65%, 84%
CMY	0.3842, 0.3451, 0.1567
CMYK	0.27, 0.22, 0.00, 0.16
HSL	230°, 42%, 73%
HSV	230°, 27%, 84%
XYZ	39.9960, 39.7118, 69.8658
YIQ	169.4820, -21.3680, 12.8080

Conversions

Conversions Part 2

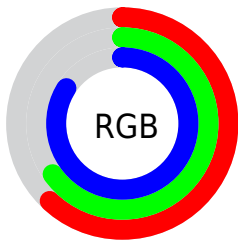
Format	Color
RYB	157, 166, 215
Decimal	10332119
CIELab	69.26, 7.17, -25.50
CIElCh	69, 26.485, 285.697
Yxy	39.7118, 0.2674, 0.2655
Android (android.graphics.Color)	4288522199 (0xFF9DA7D7)
YUV	169.4820, 22.4404, -10.9467
Hunter-Lab	63.0173, 3.0106, -21.6214

Details

The Yxy color **39.7118, 0.2674, 0.2655** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.5819, 0.3560, 0.3854**, and the grayscale version is **39.8253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4596, 0.2855, 0.2941**, and **17.7426, 0.2538, 0.2476** is the 20% darker color. If you saturate the color by 10%, you get **31.6551, 0.2482, 0.2372**, and if you desaturate by 10%, it is **49.0510, 0.2855, 0.2914**.

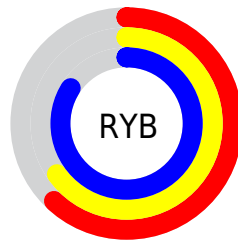
Distribution



Red (62%)

Green (65%)

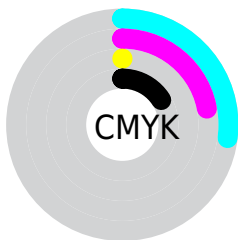
Blue (84%)



Red (62%)

Yellow (65%)

Blue (84%)

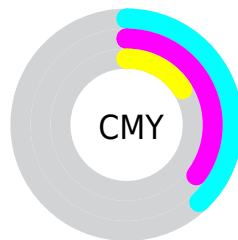


Cyan (27%)

Magenta (22%)

Yellow (0%)

Black (16%)



Cyan (38%)

Magenta (35%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7118, 0.2674, 0.2655 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 39.7118, 0.2674, 0.2655 by changing the saturation by 10% instead.

■ 39.7118, 0.2674,
0.2655

■ 39.7118, 0.2674,
0.2655

344.9074, 0.2905,
0.2971

■ 27.3139, 0.2616,
0.2577

■ 74.7245, 0.2759,
0.2769

■ 17.8091, 0.2541,
0.2479

■ 98.1080, 0.2790,
0.2812

■ 10.8130, 0.2441,
0.2349

125.9222, 0.2817,
0.2849

■ 5.9413, 0.2301,
0.2173

158.5515, 0.2839,
0.2880

■ 2.8094, 0.2097,
0.1921

196.3803, 0.2859,
0.2907

■ 1.0330, 0.1773,
0.1541

239.7929, 0.2876,

■ 0.0000, 0.0490,

0.2931

0.0000

289.1738, 0.2891,
0.2952

0.0000, 0.0000,
0.0000

39.7118, 0.2674,
0.2655

39.7118, 0.2674,
0.2655

31.6551, 0.2482,
0.2372

49.0510, 0.2855,
0.2914

24.8196, 0.2284,
0.2071

59.7207, 0.3021,
0.3145

19.1462, 0.2089,
0.1762

71.7725, 0.3171,
0.3349

14.5687, 0.1908,
0.1461

85.2537, 0.3305,
0.3527

11.0143, 0.1753,
0.1186

97.6878, 0.3363,
0.3681

■ 8.4005, 0.1634,
0.0955

■ 6.6287, 0.1557,
0.0782

■ 6.2266, 0.1539,
0.0741

Harmonies

Analogous

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



39.7118, 0.2457, 0.2728



39.7118, 0.2674, 0.2655



39.7118, 0.3021, 0.2733

Triad

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



39.7118, 0.2674, 0.2655



39.7118, 0.3904, 0.3545



39.7118, 0.2818, 0.3684

Complementary

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



39.7118, 0.2674, 0.2655



60.5819, 0.3560, 0.3854

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.



39.7118, 0.3195, 0.3940



39.7118, 0.2674, 0.2655



39.7118, 0.3833, 0.3825

Square

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



39.7118, 0.2674, 0.2655



39.7118, 0.3750, 0.3226



39.7118, 0.3568, 0.3983



39.7118, 0.2535, 0.3309

Rectangle

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



39.7118, 0.2674, 0.2655



39.7118, 0.3287, 0.2857



39.7118, 0.3568, 0.3983



39.7118, 0.2937, 0.3789

Sweetspot

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



39.7134, 0.2674, 0.2655



86.0236, 0.3003, 0.3121



60.1654, 0.2798, 0.3424



17.8818, 0.2979, 0.3087



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.



39.7134, 0.2674, 0.2655



51.8667, 0.2573, 0.2507



38.1921, 0.2811, 0.2550



12.3500, 0.2982, 0.3091



3.8302, 0.1545, 0.0760



0.3386, 0.1626, 0.1052

Inverse Universe

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



41.3655, 0.3607, 0.3170



54.9064, 0.3739, 0.3145



62.8758, 0.3387, 0.3993



12.4553, 0.3264, 0.3250



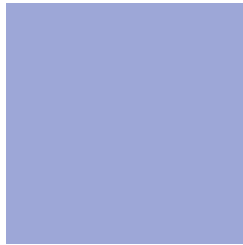
8.7315, 0.6134, 0.3153



0.5375, 0.5681, 0.2903

Previews

White Background



This preview shows how the Yxy color 39.7118, 0.2674, 0.2655 looks on a white background.

Color Contrast Check

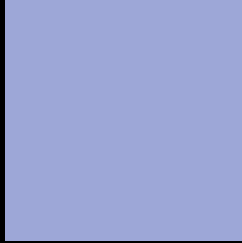
Large Text (above 18pt) WCAG AA × Fail

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 39.7118, 0.2674, 0.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

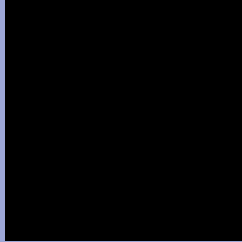
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7118, 0.2674, 0.2655

Background



This preview shows how black text looks on a background with the Yxy color 39.7118, 0.2674, 0.2655.



This preview shows how white text looks on a background with the Yxy color 39.7118, 0.2674, 0.2655.

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

39.7118, 0.2674, 0.2655

Protanopia

39.7118, 0.2674, 0.2655

Deuteranopia

39.7558, 0.2703, 0.2647



Tritanopia

39.6295, 0.2838, 0.3091

Trichromacy



Original Color

39.7118, 0.2674, 0.2655

Protanomaly

39.7118, 0.2674, 0.2655

Deuteranomaly

39.6523, 0.2696, 0.2646

Tritanomaly

39.5530, 0.2772, 0.2916

Monochromacy



Original Color

39.7118, 0.2674, 0.2655

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.5498, 0.2953, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7118, 0.2674, 0.2655 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(157, 167, 215)` looks like.

```
.text, #text, p{  
    color:rgb(157, 167, 215)  
}
```

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(157, 167, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 167, 215) }
```

Border

The CSS property to change the border of an element to Yxy 39.7118, 0.2674, 0.2655 is called "border". The border property can be set on classes, ids or directly on the HTML element.

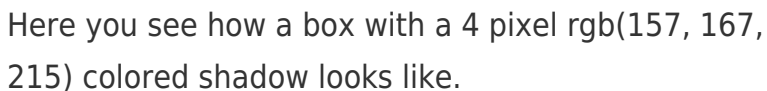
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 167, 215) }
```

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

```
.border{ border-color:rgb(157, 167, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 167, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 167, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 167, 215); box-shadow:4px 4px 4px 4px rgb(157, 167, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7118, 0.2674, 0.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 167, 215) }
```

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

```
.background{ background-color: rgb(157,  
167, 215) }
```

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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