

Converting Colors

$Y_{xy}(39.3996, 0.2675, 0.2564)$

Have a look what the booklet for
Yxy(39.3996, 0.2675, 0.2564)
contains.

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Color

Yxy(39.3996, 0.2675, 0.2564)

Conversions

Conversions Part 1

Format	Color
Hex	A2A4DC
RGB	162, 164, 220
RGB Percent	64%, 64%, 86%
CMY	0.3644, 0.3569, 0.1372
CMYK	0.26, 0.25, 0.00, 0.14
HSL	238°, 45%, 75%
HSV	238°, 26%, 86%
XYZ	41.1053, 39.3996, 73.1597
YIQ	169.7860, -19.1680, 16.9920

Conversions

Conversions Part 2

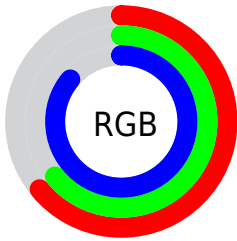
Format	Color
RYB	162, 164, 220
Decimal	10659036
CIELab	69.04, 11.56, -28.55
CIELCh	69, 30.806, 292.048
Yxy	39.3996, 0.2675, 0.2564
Android (android.graphics.Color)	4288849116 (0xFFA2A4DC)
YUV	169.7860, 24.7555, -6.8283
Hunter-Lab	62.7691, 7.0474, -25.1663

Details

The Yxy color **39.3996, 0.2675, 0.2564** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **68.0243, 0.3528, 0.3925**, and the grayscale version is **39.9734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7885, 0.2893, 0.2912**, and **17.5562, 0.2538, 0.2358** is the 20% darker color. If you saturate the color by 10%, you get **30.3067, 0.2472, 0.2234**, and if you desaturate by 10%, it is **50.1723, 0.2863, 0.2866**.

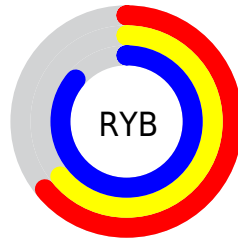
Distribution



Red (64%)

Green (64%)

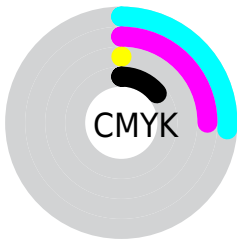
Blue (86%)



Red (64%)

Yellow (64%)

Blue (86%)

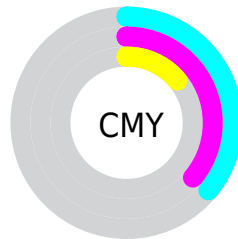


Cyan (26%)

Magenta (25%)

Yellow (0%)

Black (14%)



Cyan (36%)

Magenta (36%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3996, 0.2675, 0.2564 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 39.3996, 0.2675, 0.2564 by changing the saturation by 10% instead.

■ 39.3996, 0.2675,
0.2564

■ 39.3996, 0.2675,
0.2564

■ 343.5864, 0.2906,
0.2922

■ 27.0707, 0.2616,
0.2477

■ 74.2484, 0.2760,
0.2692

■ 17.6264, 0.2541,
0.2368

■ 97.5371, 0.2792,
0.2741

■ 10.6821, 0.2440,
0.2225

■ 125.2478, 0.2818,
0.2782

■ 5.8535, 0.2300,
0.2034

■ 157.7651, 0.2841,
0.2818

■ 2.7562, 0.2094,
0.1766

■ 195.4731, 0.2861,
0.2849

■ 1.0058, 0.1771,
0.1373

■ 238.7565, 0.2878,

■ 0.0000, 0.0761,

0.2876

0.0000

287.9994, 0.2893,
0.2900

0.0000, 0.0000,
0.0000

39.3996, 0.2675,
0.2564

39.3996, 0.2675,
0.2564

30.3067, 0.2472,
0.2234

50.1723, 0.2863,
0.2866

22.8047, 0.2260,
0.1888

62.6986, 0.3031,
0.3136

16.8034, 0.2050,
0.1543

77.0534, 0.3179,
0.3373

12.2019, 0.1857,
0.1222

93.3059, 0.3308,
0.3578

8.8869, 0.1697,
0.0952

97.9482, 0.3333,
0.3631

■ 6.7274, 0.1582,
0.0755

■ 5.5636, 0.1519,
0.0641

■ 5.3262, 0.1505,
0.0617

Harmonies

Analogous

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



39.3996, 0.2391, 0.2606



39.3996, 0.2675, 0.2564



39.3996, 0.3097, 0.2688

Triad

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



39.3996, 0.2675, 0.2564



39.3996, 0.4038, 0.3652



39.3996, 0.2684, 0.3664

Complementary

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



39.3996, 0.2675, 0.2564



68.0243, 0.3528, 0.3925

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.



39.3996, 0.3104, 0.4012



39.3996, 0.2675, 0.2564



39.3996, 0.3897, 0.3961

Square

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



39.3996, 0.2675, 0.2564



39.3996, 0.3914, 0.3288



39.3996, 0.3550, 0.4112



39.3996, 0.2394, 0.3213

Rectangle

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



39.3996, 0.2675, 0.2564



39.3996, 0.3409, 0.2848



39.3996, 0.3550, 0.4112



39.3996, 0.2814, 0.3801

Sweetspot

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



39.4012, 0.2675, 0.2564



84.3882, 0.3003, 0.3092



63.9501, 0.2755, 0.3313



17.4739, 0.2978, 0.3052



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.



39.4012, 0.2675, 0.2564



47.2392, 0.2556, 0.2371



41.8651, 0.2892, 0.2583



12.6858, 0.2981, 0.3056



3.1571, 0.1506, 0.0622



0.2294, 0.1525, 0.0689

Inverse Universe

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



43.7620, 0.3671, 0.3269



54.4393, 0.3843, 0.3264



65.1403, 0.3316, 0.3992



13.0585, 0.3286, 0.3283



8.9425, 0.6363, 0.3279



0.5818, 0.6251, 0.3217

Previews

White Background



This preview shows how the Yxy color 39.3996, 0.2675, 0.2564 looks on a white background.

Color Contrast Check

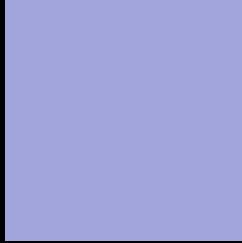
Large Text (above 18pt) WCAG AA × Fail

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 39.3996, 0.2675, 0.2564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

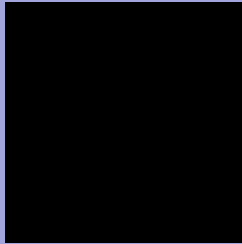
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3996, 0.2675, 0.2564

Background



This preview shows how black text looks on a background with the Yxy color 39.3996, 0.2675, 0.2564.



This preview shows how white text looks on a background with the Yxy color 39.3996, 0.2675, 0.2564.

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

39.3996, 0.2675, 0.2564

Protanopia

39.3187, 0.2597, 0.2555

Deuteranopia

39.6078, 0.2639, 0.2584



Tritanopia

39.5551, 0.2885, 0.3106

Trichromacy



Original Color

39.3996, 0.2675, 0.2564

Protanomaly

39.1986, 0.2624, 0.2558

Deuteranomaly

39.4485, 0.2653, 0.2573

Tritanomaly

39.3056, 0.2810, 0.2893

Monochromacy



Original Color

39.3996, 0.2675, 0.2564

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.8516, 0.2954, 0.3017

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3996, 0.2675, 0.2564 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(162, 164, 220)` looks like.

```
.text, #text, p{  
    color:rgb(162, 164, 220)  
}
```

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(162, 164, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 164, 220) }
```

Border

The CSS property to change the border of an element to Yxy 39.3996, 0.2675, 0.2564 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(162, 164, 220) }
```

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

```
.border{ border-color:rgb(162, 164, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 164, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 164, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 164, 220);  
box-shadow:4px 4px 4px 4px rgb(162, 164,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3996, 0.2675, 0.2564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 164, 220) }
```

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

```
.background{ background-color: rgb(162,  
164, 220) }
```

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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