

Converting Colors

Yxy(39.6641, 0.2638, 0.2698)

Have a look what the booklet for
Yxy(39.6641, 0.2638, 0.2698)
contains.

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Color

Yxy(39.6641, 0.2638, 0.2698)

Conversions

Conversions Part 1

Format	Color
Hex	96A9D5
RGB	150, 169, 213
RGB Percent	59%, 66%, 84%
CMY	0.4116, 0.3373, 0.1647
CMYK	0.30, 0.21, 0.00, 0.16
HSL	222°, 43%, 71%
HSV	222°, 30%, 84%
XYZ	38.7820, 39.6641, 68.5669
YIQ	168.3350, -25.4480, 9.6560

Conversions

Conversions Part 2

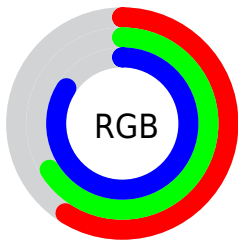
Format	Color
RYB	150, 165, 213
Decimal	9873877
CIELab	69.23, 3.48, -24.48
CIElCh	69, 24.727, 278.098
Yxy	39.6641, 0.2638, 0.2698
Android (android.graphics.Color)	4288063957 (0xFF96A9D5)
YUV	168.3350, 22.0198, -16.0798
Hunter-Lab	62.9794, -0.2958, -20.4645

Details

The Yxy color **39.6641, 0.2638, 0.2698** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.9600, 0.3630, 0.3818**, and the grayscale version is **39.2343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5104, 0.2812, 0.2958**, and **17.7326, 0.2493, 0.2532** is the 20% darker color. If you saturate the color by 10%, you get **32.5964, 0.2456, 0.2456**, and if you desaturate by 10%, it is **47.7332, 0.2814, 0.2920**.

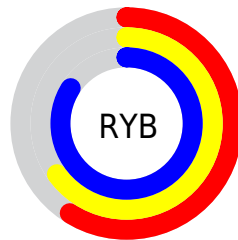
Distribution



Red (59%)

Green (66%)

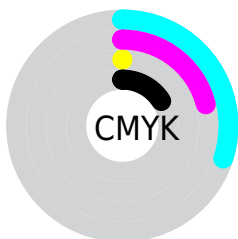
Blue (84%)



Red (59%)

Yellow (65%)

Blue (84%)

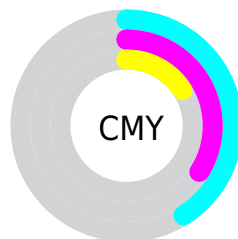


Cyan (30%)

Magenta (21%)

Yellow (0%)

Black (16%)



Cyan (41%)

Magenta (34%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6641, 0.2638, 0.2698 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 39.6641, 0.2638, 0.2698 by changing the saturation by 10% instead.

■ 39.6641, 0.2638,
0.2698

■ 39.6641, 0.2638,
0.2698

■ 344.7058, 0.2886,
0.2995

■ 27.2767, 0.2576,
0.2624

■ 74.6517, 0.2729,
0.2806

■ 17.7812, 0.2495,
0.2530

■ 98.0208, 0.2762,
0.2846

■ 10.7930, 0.2389,
0.2406

■ 125.8193, 0.2791,
0.2880

■ 5.9278, 0.2241,
0.2236

■ 158.4315, 0.2816,
0.2910

■ 2.8012, 0.2025,
0.1990

■ 196.2418, 0.2837,
0.2935

■ 1.0289, 0.1685,
0.1613

■ 239.6347, 0.2855,

■ 0.0000, 0.0022,

0.2958

0.0000

288.9946, 0.2871,
0.2977

0.0000, 0.0000,
0.0000

39.6641, 0.2638,
0.2698

39.6641, 0.2638,
0.2698

32.5964, 0.2456,
0.2456

47.7332, 0.2814,
0.2920

26.4844, 0.2273,
0.2198

56.8376, 0.2980,
0.3120

21.2857, 0.2096,
0.1931

67.0151, 0.3134,
0.3297

16.9524, 0.1934,
0.1665

78.3002, 0.3275,
0.3454

13.4318, 0.1795,
0.1411

90.4313, 0.3393,
0.3592

■ 10.6641, 0.1687,
0.1184

■ 97.5845, 0.3376,
0.3701

■ 8.5637, 0.1610,
0.0992

■ 8.4831, 0.1607,
0.0984

Harmonies

Analogous

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



39.6641, 0.2472, 0.2806



39.6641, 0.2638, 0.2698



39.6641, 0.2938, 0.2736

Triad

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



39.6641, 0.2638, 0.2698



39.6641, 0.3835, 0.3456



39.6641, 0.2923, 0.3732

Complementary

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



39.6641, 0.2638, 0.2698



54.9600, 0.3630, 0.3818

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.



39.6641, 0.3285, 0.3925



39.6641, 0.2638, 0.2698



39.6641, 0.3823, 0.3734

Square

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



39.6641, 0.2638, 0.2698



39.6641, 0.3642, 0.3158



39.6641, 0.3617, 0.3915



39.6641, 0.2628, 0.3400

Rectangle

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



39.6641, 0.2638, 0.2698



39.6641, 0.3182, 0.2834



39.6641, 0.3617, 0.3915



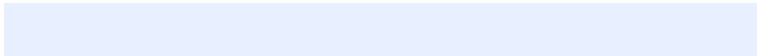
39.6641, 0.3041, 0.3817

Sweetspot

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



39.6657, 0.2638, 0.2698



86.0919, 0.2987, 0.3129



57.9336, 0.2820, 0.3550



17.9730, 0.2963, 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.



39.6657, 0.2638, 0.2698



53.2678, 0.2533, 0.2560



34.2690, 0.2704, 0.2455



12.6120, 0.2982, 0.3122



5.3389, 0.1614, 0.1009



0.4660, 0.1711, 0.1358

Inverse Universe

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



38.8379, 0.3584, 0.3058



52.2745, 0.3710, 0.3011



62.2774, 0.3478, 0.4047



12.4817, 0.3244, 0.3220



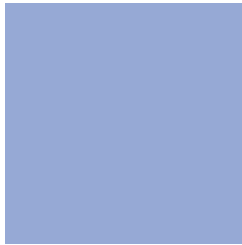
8.8838, 0.5745, 0.2939



0.5504, 0.5247, 0.2664

Previews

White Background



This preview shows how the Yxy color 39.6641, 0.2638, 0.2698 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 39.6641, 0.2638, 0.2698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

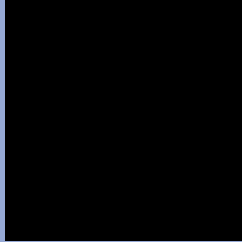
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6641, 0.2638, 0.2698

Background



This preview shows how black text looks on a background with the Yxy color 39.6641, 0.2638, 0.2698.



This preview shows how white text looks on a background with the Yxy color 39.6641, 0.2638, 0.2698.

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

39.6641, 0.2638, 0.2698

Protanopia

39.6600, 0.2702, 0.2692

Deuteranopia

39.8089, 0.2718, 0.2660



Tritanopia

39.8797, 0.2785, 0.3104

Trichromacy



Original Color

39.6641, 0.2638, 0.2698

Protanomaly

39.7273, 0.2680, 0.2702

Deuteranomaly

39.7616, 0.2688, 0.2669

Tritanomaly

39.6936, 0.2734, 0.2954

Monochromacy



Original Color

39.6641, 0.2638, 0.2698

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.0430, 0.2934, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6641, 0.2638, 0.2698 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(150, 169, 213)` looks like.

```
.text, #text, p{  
    color:rgb(150, 169, 213)  
}
```

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(150, 169, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 169, 213) }
```

Border

The CSS property to change the border of an element to Yxy 39.6641, 0.2638, 0.2698 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(150, 169, 213) }
```

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

```
.border{ border-color:rgb(150, 169, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 169, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 169, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 169, 213);  
box-shadow:4px 4px 4px 4px rgb(150, 169,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6641, 0.2638, 0.2698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 169, 213) }
```

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

```
.background{ background-color: rgb(150,  
169, 213) }
```

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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