

Converting Colors

$Yxy(39.5127, 0.2806, 0.2949)$

Have a look what the booklet for
Yxy(39.5127, 0.2806, 0.2949)
contains.

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Color

Yxy(39.6131, 0.2809, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	9BAAC2
RGB	155, 170, 194
RGB Percent	61%, 67%, 76%
CMY	0.3922, 0.3333, 0.2391
CMYK	0.20, 0.12, 0.00, 0.24
HSL	217°, 24%, 68%
HSV	217°, 20%, 76%
XYZ	37.6304, 39.6131, 56.7203
YIQ	168.2510, -16.6440, 4.2840

Conversions

Conversions Part 2

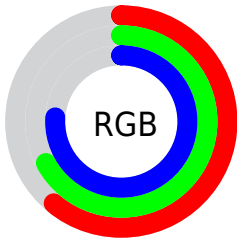
Format	Color
R _{YB}	155, 166, 194
Decimal	10201794
CIE Lab	69.19, -0.07, -14.04
CIE LCh	69, 14.040, 269.726
Yxy	39.6131, 0.2809, 0.2957
Android (android.graphics.Color)	4288391874 (0xFF9BAAC2)
YUV	168.2510, 12.6943, -11.6211
Hunter-Lab	62.9389, -3.4201, -9.3746

Details

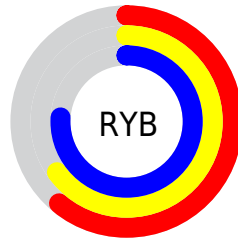
The Yxy color $39.6131, 0.2809, 0.2957$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.0856, 0.3462, 0.3602$, and the grayscale version is $39.2305, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.5171, 0.2867, 0.3013$, and $17.7339, 0.2715, 0.2865$ is the 20% darker color. If you saturate the color by 10%, you get $33.5714, 0.2639, 0.2763$, and if you desaturate by 10%, it is $46.3731, 0.2972, 0.3132$.

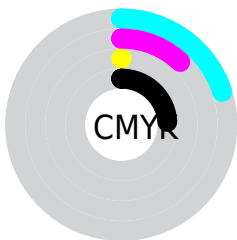
Distribution



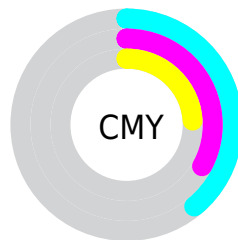
- Red (61%)
- Green (67%)
- Blue (76%)



- Red (61%)
- Yellow (65%)
- Blue (76%)



- Cyan (20%)
- Magenta (12%)
- Yellow (0%)
- Black (24%)





- Cyan (39%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6131, 0.2809, 0.2957 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 39.6131, 0.2809, 0.2957 by changing the saturation by 10% instead.


 39.6131, 0.2809,
0.2957


 39.6131, 0.2809,
0.2957


344.4901, 0.2971,
0.3127

 27.2370, 0.2768,
0.2914


 74.5740, 0.2869,
0.3019

 17.7513, 0.2714,
0.2857


 97.9276, 0.2891,
0.3043

 10.7716, 0.2642,
0.2782


125.7092, 0.2910,
0.3062

 5.9135, 0.2539,
0.2674

158.3031, 0.2925,
0.3079

 2.7925, 0.2384,
0.2511

196.0937, 0.2939,
0.3093

 1.0244, 0.2122,
0.2236

239.4655, 0.2951,

 0.0000, 0.0000,

0.3106

0.0000

288.8029, 0.2962,
0.3117

■ 39.6131, 0.2809,
0.2957

■ 39.6131, 0.2809,
0.2957

■ 33.5714, 0.2639,
0.2763

■ 46.3731, 0.2972,
0.3132

■ 28.2178, 0.2466,
0.2552

■ 53.8707, 0.3125,
0.3288

■ 23.5266, 0.2295,
0.2327

■ 62.1303, 0.3269,
0.3426

■ 19.4687, 0.2130,
0.2092

■ 71.1739, 0.3401,
0.3548

■ 16.0125, 0.1979,
0.1854

■ 81.0222, 0.3523,
0.3655

■ 13.1228, 0.1850,
0.1622

■ 88.4501, 0.3518,
0.3766

■ 10.7599, 0.1747,
0.1405

■ 95.7777, 0.3493,
0.3877

■ 8.8786, 0.1670,
0.1212

■ 96.6765, 0.3490,
0.3889

Harmonies

Analogous

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



39.6131, 0.2735, 0.3051



39.6131, 0.2809, 0.2957



39.6131, 0.2967, 0.2951

Triad

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



39.6131, 0.2809, 0.2957



39.6131, 0.3507, 0.3345



39.6131, 0.3071, 0.3574

Complementary

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



39.6131, 0.2809, 0.2957



46.0856, 0.3462, 0.3602

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.



39.6131, 0.3279, 0.3654



39.6131, 0.2809, 0.2957



39.6131, 0.3535, 0.3512

Square

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



39.6131, 0.2809, 0.2957



39.6131, 0.3373, 0.3171



39.6131, 0.3450, 0.3628



39.6131, 0.2883, 0.3410

Rectangle

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



39.6131, 0.2809, 0.2957



39.6131, 0.3103, 0.2994



39.6131, 0.3450, 0.3628



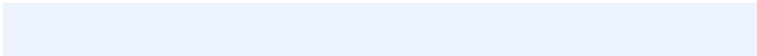
39.6131, 0.3141, 0.3612

Sweetspot

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



39.6147, 0.2809, 0.2957



89.2920, 0.3035, 0.3197



48.7963, 0.2936, 0.3503



19.3583, 0.3024, 0.3187



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.



39.6147, 0.2809, 0.2957



66.9306, 0.2737, 0.2877



34.6942, 0.2829, 0.2747



10.3690, 0.2984, 0.3144



5.9834, 0.1677, 0.1237



0.3922, 0.1804, 0.1695

Inverse Universe

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



37.8141, 0.3374, 0.3094



63.3331, 0.3440, 0.3051



51.9278, 0.3393, 0.3791



10.1406, 0.3230, 0.3202



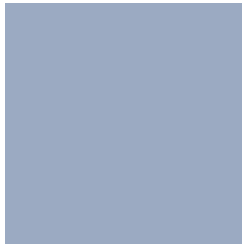
7.8863, 0.5415, 0.2756



0.3542, 0.4812, 0.2425

Previews

White Background



This preview shows how the Yxy color 39.6131, 0.2809, 0.2957 looks on a white background.

Color Contrast Check

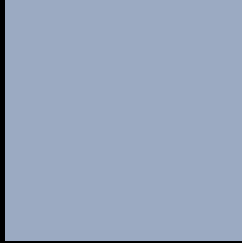
Large Text (above 18pt) WCAG AA × Fail

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 39.6131, 0.2809, 0.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

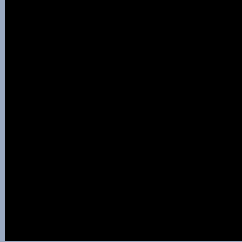
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

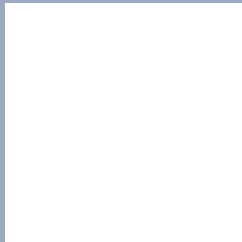
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.6131, 0.2809, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 39.6131, 0.2809, 0.2957.



This preview shows how white text looks on a background with the Yxy color 39.6131, 0.2809, 0.2957.

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

39.6131, 0.2809, 0.2957

Protanopia

39.4425, 0.2905, 0.2949

Deuteranopia

39.6211, 0.2941, 0.2890



Tritanopia

39.4009, 0.2861, 0.3092

Trichromacy



Original Color

39.6131, 0.2809, 0.2957

Protanomaly

39.4326, 0.2864, 0.2947

Deuteranomaly

39.6846, 0.2890, 0.2912

Tritanomaly

39.6267, 0.2846, 0.3051

Monochromacy



Original Color

39.6131, 0.2809, 0.2957

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.3368, 0.3007, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6131, 0.2809, 0.2957 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, 170, 194)` looks like.

```
.text, #text, p{  
    color:rgb(155, 170, 194)  
}
```

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, 170, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 170, 194) }
```

Border

The CSS property to change the border of an element to Yxy 39.6131, 0.2809, 0.2957 is called "border". The border property can be set on classes, ids or directly on the HTML element.

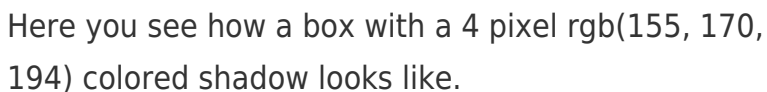
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 170, 194) }
```

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

```
.border{ border-color:rgb(155, 170, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 170, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 170, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 170, 194); box-shadow:4px 4px 4px 4px rgb(155, 170, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6131, 0.2809, 0.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 170, 194) }
```

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

```
.background{ background-color: rgb(155,  
170, 194) }
```

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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