

Converting Colors

$Y_{xy}(39.3931, 0.2711, 0.3059)$

Have a look what the booklet for
Yxy(39.3931, 0.2711, 0.3059)
contains.

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Color

Yxy(39.3931, 0.2711, 0.3059)

Conversions

Conversions Part 1

Format	Color
Hex	8AAEBE
RGB	138, 174, 190
RGB Percent	54%, 68%, 75%
CMY	0.4588, 0.3176, 0.2549
CMYK	0.27, 0.08, 0.00, 0.25
HSL	198°, 29%, 64%
HSV	198°, 27%, 75%
XYZ	34.9116, 39.3931, 54.4730
YIQ	165.0600, -26.5920, -2.6560

Conversions

Conversions Part 2

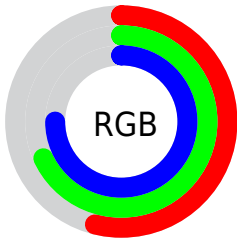
Format	Color
R_{YB}	138, 159, 190
Decimal	9088702
CIE _{Lab}	69.04, -8.45, -12.16
CIE _{LCh}	69, 14.806, 235.201
Yxy	39.3931, 0.2711, 0.3059
Android (android.graphics.Color)	4287278782 (0xFF8AAEBE)
YUV	165.0600, 12.2954, -23.7316
Hunter-Lab	62.7639, -10.5485, -7.5232

Details

The Yxy color **39.3931, 0.2711, 0.3059** is a light color, and the websafe version is hex **669999**. A complement of this color would be **35.8920, 0.3655, 0.3509**, and the grayscale version is **37.6080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8989, 0.2787, 0.3102**, and **17.7036, 0.2583, 0.2986** is the 20% darker color. If you saturate the color by 10%, you get **35.7041, 0.2565, 0.2960**, and if you desaturate by 10%, it is **43.4670, 0.2862, 0.3150**.

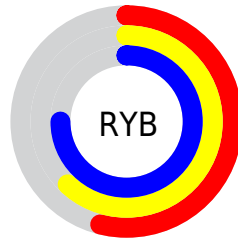
Distribution



Red (54%)

Green (68%)

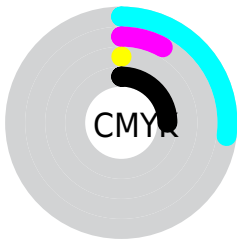
Blue (75%)



Red (54%)

Yellow (62%)

Blue (75%)

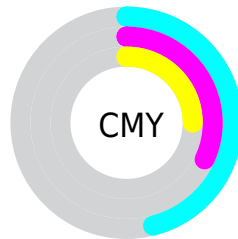


Cyan (27%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (46%)


Magenta (32%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3931, 0.2711, 0.3059 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 39.3931, 0.2711, 0.3059 by changing the saturation by 10% instead.


 39.3931, 0.2711,
0.3059


 39.3931, 0.2711,
0.3059

343.5589, 0.2922,
0.3180


 27.0657, 0.2658,
0.3027


 74.2385, 0.2788,
0.3104

 17.6225, 0.2588,
0.2985


 97.5252, 0.2817,
0.3121

 10.6793, 0.2496,
0.2928


 125.2338, 0.2841,
0.3135

 5.8517, 0.2365,
0.2844

157.7487, 0.2862,
0.3146

 2.7551, 0.2169,
0.2712

195.4542, 0.2880,
0.3157

 1.0052, 0.1836,
0.2480

238.7349, 0.2896,

 0.0000, 0.0000,

0.3165

0.0000

287.9749, 0.2910,
0.3173

■ 39.3931, 0.2711,
0.3059

■ 39.3931, 0.2711,
0.3059

■ 35.7041, 0.2565,
0.2960

■ 43.4670, 0.2862,
0.3150

■ 32.3793, 0.2427,
0.2855

■ 47.9359, 0.3015,
0.3234

■ 29.4028, 0.2301,
0.2744

■ 52.8154, 0.3167,
0.3309

■ 26.7556, 0.2191,
0.2630

■ 58.1187, 0.3316,
0.3377

■ 24.4162, 0.2098,
0.2513

■ 63.8585, 0.3461,
0.3437

■ 22.3597, 0.2025,
0.2397

■ 70.0466, 0.3600,
0.3490

■ 20.5513, 0.1972,
0.2282

■ 73.5318, 0.3609,
0.3547

■ 20.0991, 0.1959,
0.2252

■ 76.5596, 0.3594,
0.3605

■ 79.6949, 0.3580,
0.3663

Harmonies

Analogous

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



39.3931, 0.2755, 0.3241



39.3931, 0.2711, 0.3059



39.3931, 0.2773, 0.2948

Triad

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



39.3931, 0.2711, 0.3059



39.3931, 0.3358, 0.3138



39.3931, 0.3318, 0.3678

Complementary

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



39.3931, 0.2711, 0.3059



35.8920, 0.3655, 0.3509

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.



39.3931, 0.3489, 0.3633



39.3931, 0.2711, 0.3059



39.3931, 0.3513, 0.3319

Square

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



39.3931, 0.2711, 0.3059



39.3931, 0.3142, 0.2997



39.3931, 0.3562, 0.3500



39.3931, 0.3101, 0.3610

Rectangle

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



39.3931, 0.2711, 0.3059



39.3931, 0.2868, 0.2924



39.3931, 0.3562, 0.3500



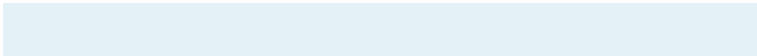
39.3931, 0.3383, 0.3675

Sweetspot

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



39.3947, 0.2711, 0.3059



86.2263, 0.3003, 0.3228



44.5471, 0.2980, 0.3827



18.6548, 0.2980, 0.3215



97.7402, 0.3127, 0.3290



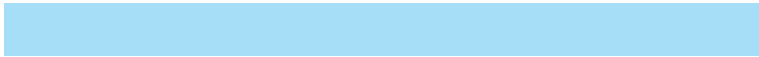
20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.3947, 0.2711, 0.3059



67.1864, 0.2620, 0.2999



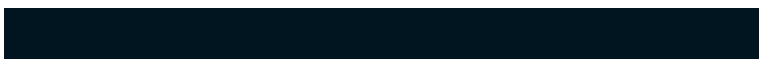
30.4290, 0.2673, 0.2673



10.3008, 0.2985, 0.3218



13.5103, 0.1963, 0.2267



0.6401, 0.2039, 0.2541

Inverse Universe

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



32.1820, 0.3318, 0.2813



52.2972, 0.3374, 0.2702



45.2604, 0.3568, 0.3839



9.6449, 0.3183, 0.3132



8.3936, 0.4161, 0.2066



0.3400, 0.3882, 0.1912

Previews

White Background



This preview shows how the Yxy color 39.3931, 0.2711, 0.3059 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 39.3931, 0.2711, 0.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

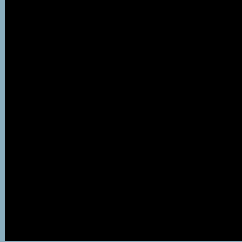
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

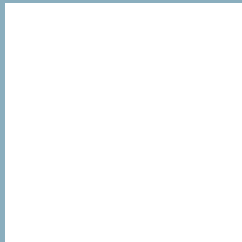
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3931, 0.2711, 0.3059

Background



This preview shows how black text looks on a background with the Yxy color 39.3931, 0.2711, 0.3059.



This preview shows how white text looks on a background with the Yxy color 39.3931, 0.2711, 0.3059.

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

39.3931, 0.2711, 0.3059

Protanopia

39.2472, 0.2969, 0.3042

Deuteranopia

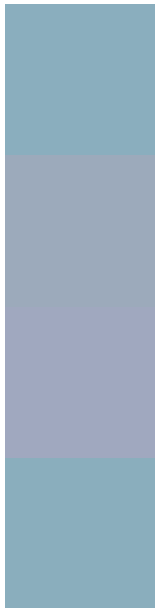
39.2409, 0.2974, 0.2915



Tritanopia

39.3062, 0.2725, 0.3087

Trichromacy



Original Color

39.3931, 0.2711, 0.3059

Protanomaly

39.4052, 0.2870, 0.3052

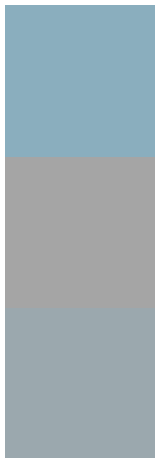
Deuteranomaly

39.2404, 0.2871, 0.2973

Tritanomaly

39.3495, 0.2718, 0.3073

Monochromacy



Original Color

39.3931, 0.2711, 0.3059

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.0298, 0.2962, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3931, 0.2711, 0.3059 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(138, 174, 190)` looks like.

```
.text, #text, p{  
    color:rgb(138, 174, 190)  
}
```

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(138, 174, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 174, 190) }
```

Border

The CSS property to change the border of an element to Yxy 39.3931, 0.2711, 0.3059 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(138, 174, 190) }
```

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

```
.border{ border-color:rgb(138, 174, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 174, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 174, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 174, 190);  
box-shadow:4px 4px 4px 4px rgb(138, 174,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3931, 0.2711, 0.3059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 174, 190) }
```

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

```
.background{ background-color: rgb(138,  
174, 190) }
```

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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