

Converting Colors

$Yxy(39.6808, 0.2898, 0.3218)$

Have a look what the booklet for
Yxy(39.6808, 0.2898, 0.3218)
contains.

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Color

Yxy(39.6808, 0.2898, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	97ADB2
RGB	151, 173, 178
RGB Percent	59%, 68%, 70%
CMY	0.4080, 0.3215, 0.3020
CMYK	0.15, 0.03, 0.00, 0.30
HSL	191°, 15%, 65%
HSV	191°, 15%, 70%
XYZ	35.7349, 39.6808, 47.8932
YIQ	166.9920, -14.7170, -3.1090

Conversions

Conversions Part 2

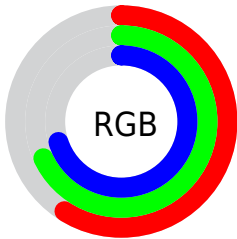
Format	Color
RYB	151, 163, 178
Decimal	9940402
CIELab	69.24, -6.55, -5.13
CIElCh	69, 8.320, 218.100
Yxy	39.6808, 0.2898, 0.3218
Android (android.graphics.Color)	4288130482 (0xFF97ADB2)
YUV	166.9920, 5.4269, -14.0250
Hunter-Lab	62.9927, -8.9766, -0.9831

Details

The Yxy color **39.6808, 0.2898, 0.3218** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4523, 0.3396, 0.3361**, and the grayscale version is **38.6149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4065, 0.2936, 0.3224**, and **17.8647, 0.2837, 0.3209** is the 20% darker color. If you saturate the color by 10%, you get **36.8646, 0.2753, 0.3165**, and if you desaturate by 10%, it is **42.7883, 0.3048, 0.3267**.

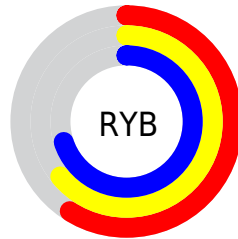
Distribution



Red (59%)

Green (68%)

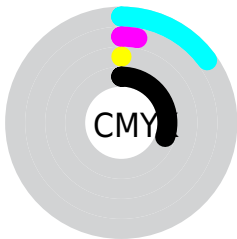
Blue (70%)



Red (59%)

Yellow (64%)

Blue (70%)

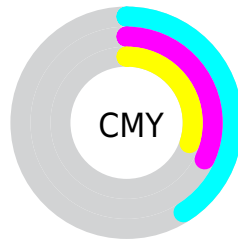


Cyan (15%)

Magenta (3%)

Yellow (0%)

Black (30%)



Cyan (41%)


Magenta (32%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6808, 0.2898, 0.3218 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 39.6808, 0.2898, 0.3218 by changing the saturation by 10% instead.


 39.6808, 0.2898,
0.3218


 39.6808, 0.2898,
0.3218


344.7764, 0.3015,
0.3256

 27.2898, 0.2868,
0.3208


 74.6772, 0.2941,
0.3232

 17.7910, 0.2829,
0.3194


 98.0514, 0.2957,
0.3237

 10.8000, 0.2776,
0.3176


125.8553, 0.2971,
0.3242

 5.9325, 0.2701,
0.3148

158.4735, 0.2982,
0.3246

 2.8041, 0.2585,
0.3104

196.2903, 0.2992,
0.3249

 1.0303, 0.2383,
0.3021

239.6901, 0.3001,

 0.0000, 0.0000,

0.3251

0.0000

289.0573, 0.3008,
0.3254

■ 39.6808, 0.2898,
0.3218

■ 39.6808, 0.2898,
0.3218

■ 36.8646, 0.2753,
0.3165

■ 42.7883, 0.3048,
0.3267

■ 34.3229, 0.2615,
0.3108

■ 46.1930, 0.3200,
0.3311

■ 32.0450, 0.2488,
0.3048

■ 49.9071, 0.3352,
0.3350

■ 30.0170, 0.2375,
0.2985

■ 53.9403, 0.3502,
0.3386

■ 28.2240, 0.2278,
0.2920

■ 58.3020, 0.3648,
0.3417

■ 26.6491, 0.2199,
0.2855

■ 62.4757, 0.3765,
0.3445

■ 25.2729, 0.2139,
0.2788

■ 63.9382, 0.3755,
0.3479

■ 24.0715, 0.2098,
0.2723

■ 65.4330, 0.3745,
0.3513

■ 23.5305, 0.2081,
0.2691

■ 66.9604, 0.3735,
0.3547

Harmonies

Analogous

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



39.6808, 0.2957, 0.3330



39.6808, 0.2898, 0.3218



39.6808, 0.2899, 0.3129

Triad

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



39.6808, 0.2898, 0.3218



39.6808, 0.3190, 0.3154



39.6808, 0.3295, 0.3500

Complementary

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



39.6808, 0.2898, 0.3218



35.4523, 0.3396, 0.3361

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.



39.6808, 0.3360, 0.3447



39.6808, 0.2898, 0.3218



39.6808, 0.3299, 0.3248

Square

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



39.6808, 0.2898, 0.3218



39.6808, 0.3066, 0.3094



39.6808, 0.3362, 0.3355



39.6808, 0.3185, 0.3495

Rectangle

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



39.6808, 0.2898, 0.3218



39.6808, 0.2934, 0.3093



39.6808, 0.3362, 0.3355



39.6808, 0.3323, 0.3488

Sweetspot

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



39.6824, 0.2898, 0.3218



77.6599, 0.3050, 0.3267



40.8118, 0.3069, 0.3614



17.1149, 0.3039, 0.3264



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.6824, 0.2898, 0.3218



70.3158, 0.2852, 0.3202



34.7635, 0.2891, 0.3020



9.3601, 0.2986, 0.3247



16.9217, 0.2083, 0.2699



0.6015, 0.2134, 0.2881

Inverse Universe

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



34.6005, 0.3191, 0.2987



59.5141, 0.3206, 0.2923



40.2349, 0.3368, 0.3546



8.6193, 0.3165, 0.3106



8.2484, 0.3729, 0.1828



0.2665, 0.3561, 0.1735

Previews

White Background



This preview shows how the Yxy color 39.6808, 0.2898, 0.3218 looks on a white background.

Color Contrast Check

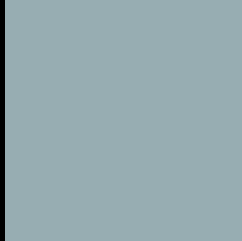
Large Text (above 18pt) WCAG AA × Fail

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 39.6808, 0.2898, 0.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

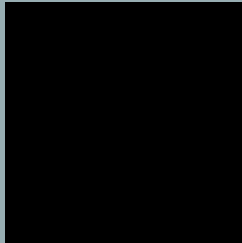
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

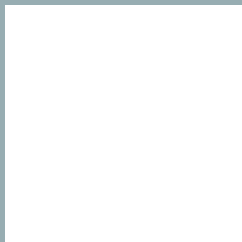
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.6808, 0.2898, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 39.6808, 0.2898, 0.3218.



This preview shows how white text looks on a background with the Yxy color 39.6808, 0.2898, 0.3218.

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

39.6808, 0.2898, 0.3218

Protanopia

39.6465, 0.3086, 0.3193

Deuteranopia

39.5495, 0.3137, 0.3076



Tritanopia

39.7256, 0.2846, 0.3092

Trichromacy



Original Color

39.6808, 0.2898, 0.3218

Protanomaly

39.6706, 0.3015, 0.3206

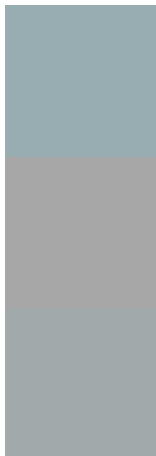
Deuteranomaly

39.3271, 0.3044, 0.3125

Tritanomaly

39.5993, 0.2868, 0.3133

Monochromacy



Original Color

39.6808, 0.2898, 0.3218

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.8933, 0.3039, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6808, 0.2898, 0.3218 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(151, 173, 178)` looks like.

```
.text, #text, p{  
    color:rgb(151, 173, 178)  
}
```

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(151, 173, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 173, 178) }
```

Border

The CSS property to change the border of an element to Yxy 39.6808, 0.2898, 0.3218 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(151, 173, 178) }
```

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

```
.border{ border-color:rgb(151, 173, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 173, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 173, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 173, 178);  
box-shadow:4px 4px 4px 4px rgb(151, 173,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6808, 0.2898, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 173, 178) }
```

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

```
.background{ background-color: rgb(151,  
173, 178) }
```

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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