

Converting Colors

$Y_{xy}(39.4025, 0.2817, 0.3041)$

Have a look what the booklet for
Yxy(39.4025, 0.2817, 0.3041)
contains.

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Color

Yxy(39.3793, 0.2815, 0.3036)

Conversions

Conversions Part 1

Format	Color
Hex	97ABBD
RGB	151, 171, 189
RGB Percent	59%, 67%, 74%
CMY	0.4078, 0.3294, 0.2589
CMYK	0.20, 0.10, 0.00, 0.26
HSL	208°, 22%, 67%
HSV	208°, 20%, 74%
XYZ	36.5128, 39.3793, 53.8158
YIQ	167.0720, -17.6980, 1.3580

Conversions

Conversions Part 2

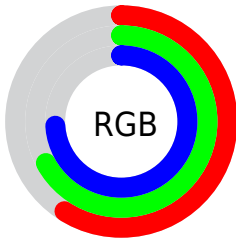
Format	Color
RYB	151, 164, 189
Decimal	9939901
CIELab	69.03, -3.01, -11.53
CIELCh	69, 11.922, 255.353
Yxy	39.3793, 0.2815, 0.3036
Android (android.graphics.Color)	4288129981 (0xFF97ABBD)
YUV	167.0720, 10.8105, -14.0951
Hunter-Lab	62.7529, -5.9575, -6.9190

Details

The Yxy color **39.3793, 0.2815, 0.3036** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.4345, 0.3474, 0.3531**, and the grayscale version is **38.6356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1071, 0.2877, 0.3084**, and **17.6806, 0.2724, 0.2955** is the 20% darker color. If you saturate the color by 10%, you get **34.4454, 0.2655, 0.2889**, and if you desaturate by 10%, it is **44.8356, 0.2973, 0.3169**.

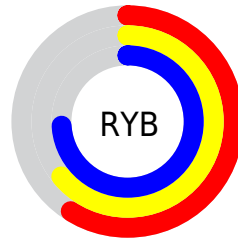
Distribution



Red (59%)

Green (67%)

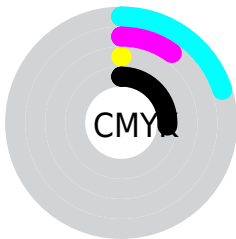
Blue (74%)



Red (59%)

Yellow (64%)

Blue (74%)

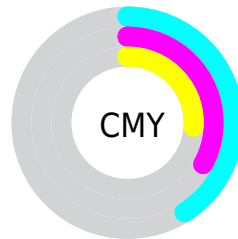


Cyan (20%)

Magenta (10%)

Yellow (0%)

Black (26%)



Cyan (41%)

Magenta (33%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3793, 0.2815, 0.3036 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 39.3793, 0.2815, 0.3036 by changing the saturation by 10% instead.

■ 39.3793, 0.2815,
0.3036

■ 39.3793, 0.2815,
0.3036

■ 343.5004, 0.2974,
0.3167

■ 27.0549, 0.2774,
0.3002

■ 74.2174, 0.2874,
0.3084

■ 17.6145, 0.2722,
0.2958

■ 97.4999, 0.2895,
0.3102

■ 10.6736, 0.2651,
0.2898

■ 125.2039, 0.2914,
0.3117

■ 5.8478, 0.2550,
0.2812

■ 157.7139, 0.2929,
0.3130

■ 2.7527, 0.2396,
0.2678

■ 195.4141, 0.2943,
0.3141

■ 1.0040, 0.2135,
0.2445

■ 238.6890, 0.2955,

■ 0.0000, 0.0000,

0.3151

0.0000

287.9230, 0.2965,
0.3159

■ 39.3793, 0.2815,
0.3036

■ 39.3793, 0.2815,
0.3036

■ 34.4454, 0.2655,
0.2889

■ 44.8356, 0.2973,
0.3169

■ 30.0107, 0.2495,
0.2730

■ 50.8266, 0.3126,
0.3289

■ 26.0573, 0.2341,
0.2560

■ 57.3704, 0.3272,
0.3396

■ 22.5642, 0.2196,
0.2381

■ 64.4825, 0.3411,
0.3490

■ 19.5081, 0.2065,
0.2197

■ 72.1778, 0.3541,
0.3573

■ 16.8633, 0.1954,
0.2013

■ 78.6405, 0.3592,
0.3655

■ 14.6001, 0.1864,
0.1834

■ 83.6029, 0.3570,
0.3742

■ 12.6802, 0.1795,
0.1663

■ 88.8229, 0.3548,
0.3826

■ 94.3043, 0.3528,
0.3909

Harmonies

Analogous

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



39.3793, 0.2792, 0.3149



39.3793, 0.2815, 0.3036



39.3793, 0.2919, 0.2993

Triad

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



39.3793, 0.2815, 0.3036



39.3793, 0.3405, 0.3265



39.3793, 0.3166, 0.3573

Complementary

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



39.3793, 0.2815, 0.3036



41.4345, 0.3474, 0.3531

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.



39.3793, 0.3333, 0.3599



39.3793, 0.2815, 0.3036



39.3793, 0.3474, 0.3416

Square

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



39.3793, 0.2815, 0.3036



39.3793, 0.3259, 0.3125



39.3793, 0.3447, 0.3539



39.3793, 0.2992, 0.3464

Rectangle

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



39.3793, 0.2815, 0.3036



39.3793, 0.3023, 0.3007



39.3793, 0.3447, 0.3539



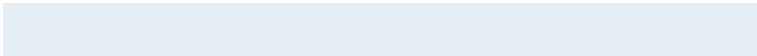
39.3793, 0.3225, 0.3592

Sweetspot

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



39.3809, 0.2815, 0.3036



84.4778, 0.3035, 0.3219



45.8283, 0.2972, 0.3575



18.0183, 0.3025, 0.3211



95.5105, 0.3127, 0.3290



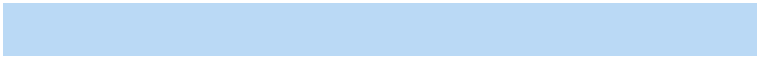
19.5994, 0.3127, 0.3290

Same Dimension

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



39.3809, 0.2815, 0.3036



66.6303, 0.2746, 0.2975



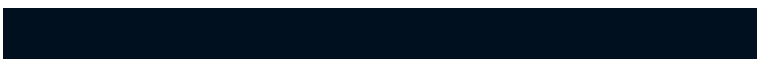
32.8052, 0.2798, 0.2762



10.0337, 0.2984, 0.3179



8.6864, 0.1801, 0.1685



0.4704, 0.1918, 0.2103

Inverse Universe

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



35.8985, 0.3320, 0.3025



59.5222, 0.3371, 0.2965



48.9028, 0.3429, 0.3768



9.6180, 0.3208, 0.3170



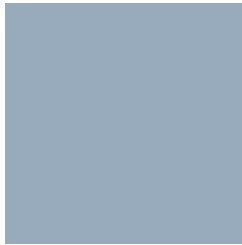
7.9066, 0.4825, 0.2432



0.3228, 0.4337, 0.2163

Previews

White Background



This preview shows how the Yxy color 39.3793, 0.2815, 0.3036 looks on a white background.

Color Contrast Check

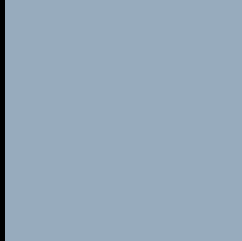
Large Text (above 18pt) WCAG AA × Fail

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 39.3793, 0.2815, 0.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

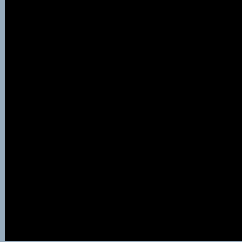
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

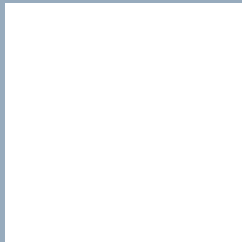
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3793, 0.2815, 0.3036

Background



This preview shows how black text looks on a background with the Yxy color 39.3793, 0.2815, 0.3036.



This preview shows how white text looks on a background with the Yxy color 39.3793, 0.2815, 0.3036.

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

39.3793, 0.2815, 0.3036

Protanopia

39.2896, 0.2961, 0.3029

Deuteranopia

39.2673, 0.2999, 0.2942



Tritanopia

39.4919, 0.2837, 0.3105

Trichromacy



Original Color

39.3793, 0.2815, 0.3036

Protanomaly

39.1702, 0.2910, 0.3026

Deuteranomaly

39.4621, 0.2929, 0.2976

Tritanomaly

39.5342, 0.2830, 0.3091

Monochromacy



Original Color

39.3793, 0.2815, 0.3036

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.6775, 0.3006, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3793, 0.2815, 0.3036 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, 171, 189)` looks like.

```
.text, #text, p{  
    color:rgb(151, 171, 189)  
}
```

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, 171, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 171, 189) }
```

Border

The CSS property to change the border of an element to Yxy 39.3793, 0.2815, 0.3036 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, 171, 189) }
```

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

```
.border{ border-color:rgb(151, 171, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 171, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 171, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 171, 189);  
box-shadow:4px 4px 4px 4px rgb(151, 171,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3793, 0.2815, 0.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 171, 189) }
```

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

```
.background{ background-color: rgb(151,  
171, 189) }
```

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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