

Converting Colors

$Yxy(39.8082, 0.2976, 0.3249)$

Have a look what the booklet for
Yxy(39.8082, 0.2976, 0.3249)
contains.

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Color

Yxy(39.7683, 0.2972, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	9DACAF
RGB	157, 172, 175
RGB Percent	62%, 67%, 69%
CMY	0.3841, 0.3255, 0.3138
CMYK	0.10, 0.02, 0.00, 0.31
HSL	190°, 10%, 65%
HSV	190°, 10%, 69%
XYZ	36.4002, 39.7683, 46.3086
YIQ	167.8570, -9.9030, -2.2470

Conversions

Conversions Part 2

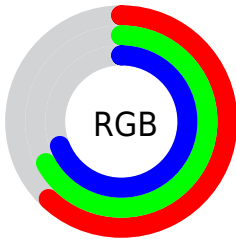
Format	Color
R _Y B	157, 165, 175
Decimal	10333359
CIE Lab	69.30, -4.59, -3.33
CIE LCh	69, 5.672, 215.947
Yxy	39.7683, 0.2972, 0.3247
Android (android.graphics.Color)	4288523439 (0xFF9DACAF)
YUV	167.8570, 3.5215, -9.5216
Hunter-Lab	63.0621, -7.3264, 0.6049

Details

The Yxy color **39.7683, 0.2972, 0.3247** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.7035, 0.3300, 0.3333**, and the grayscale version is **39.0739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6484, 0.3006, 0.3257**, and **17.9272, 0.2925, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **37.0340, 0.2825, 0.3201**, and if you desaturate by 10%, it is **42.7824, 0.3123, 0.3289**.

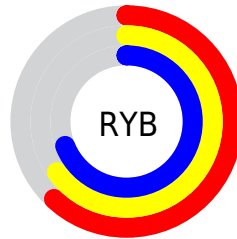
Distribution



Red (62%)

Green (67%)

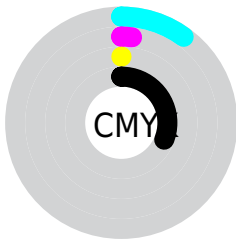
Blue (69%)



Red (62%)

Yellow (65%)

Blue (69%)

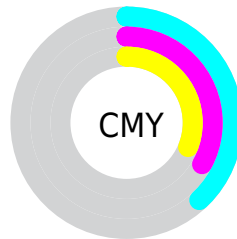


Cyan (10%)

Magenta (2%)

Yellow (0%)

Black (31%)



Cyan (38%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7683, 0.2972, 0.3247 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 39.7683, 0.2972, 0.3247 by changing the saturation by 10% instead.

■ 39.7683, 0.2972,
0.3247

■ 39.7683, 0.2972,
0.3247

345.1460, 0.3051,
0.3270

■ 27.3579, 0.2952,
0.3241

■ 74.8106, 0.3001,
0.3255

■ 17.8422, 0.2925,
0.3233

■ 98.2112, 0.3012,
0.3259

■ 10.8368, 0.2889,
0.3222

126.0442, 0.3021,
0.3261

■ 5.9572, 0.2837,
0.3206

158.6937, 0.3029,
0.3263

■ 2.8191, 0.2757,
0.3180

196.5443, 0.3036,
0.3265

■ 1.0380, 0.2616,
0.3132

239.9802, 0.3042,

■ 0.0000, 0.0000,

0.3267

0.0000

289.3860, 0.3047,
0.3268

■ 39.7683, 0.2972,
0.3247

■ 39.7683, 0.2972,
0.3247

■ 37.0340, 0.2825,
0.3201

■ 42.7824, 0.3123,
0.3289

■ 34.5638, 0.2684,
0.3152

■ 46.0816, 0.3276,
0.3327

■ 32.3478, 0.2553,
0.3099

■ 49.6772, 0.3427,
0.3361

■ 30.3734, 0.2434,
0.3043

■ 53.5783, 0.3576,
0.3391

■ 28.6270, 0.2331,
0.2986

■ 57.7936, 0.3721,
0.3418

■ 27.0934, 0.2246,
0.2927

■ 60.9723, 0.3801,
0.3444

■ 25.7554, 0.2179,
0.2868

■ 62.2459, 0.3791,
0.3474

■ 24.5927, 0.2131,
0.2808

■ 63.5450, 0.3782,
0.3505

■ 23.5863, 0.2098,
0.2751

■ 64.8697, 0.3772,
0.3535

Harmonies

Analogous

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



39.7683, 0.3015, 0.3323



39.7683, 0.2972, 0.3247



39.7683, 0.2970, 0.3184

Triad

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



39.7683, 0.2972, 0.3247



39.7683, 0.3165, 0.3193



39.7683, 0.3246, 0.3431

Complementary

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



39.7683, 0.2972, 0.3247



36.7035, 0.3300, 0.3333

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.



39.7683, 0.3287, 0.3394



39.7683, 0.2972, 0.3247



39.7683, 0.3240, 0.3257

Square

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



39.7683, 0.2972, 0.3247



39.7683, 0.3080, 0.3154



39.7683, 0.3285, 0.3330



39.7683, 0.3173, 0.3431

Rectangle

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



39.7683, 0.2972, 0.3247



39.7683, 0.2992, 0.3158



39.7683, 0.3285, 0.3330



39.7683, 0.3264, 0.3423

Sweetspot

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



39.7700, 0.2972, 0.3247



75.0725, 0.3081, 0.3278



40.3674, 0.3091, 0.3506



16.5883, 0.3069, 0.3274



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.7700, 0.2972, 0.3247



70.2415, 0.2943, 0.3238



36.4707, 0.2971, 0.3118



8.8411, 0.2986, 0.3251



16.9704, 0.2100, 0.2758



0.5315, 0.2149, 0.2935

Inverse Universe

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



36.2198, 0.3166, 0.3083



62.7956, 0.3174, 0.3043



39.9271, 0.3286, 0.3457



8.1248, 0.3162, 0.3103



8.0162, 0.3674, 0.1797



0.2290, 0.3512, 0.1708

Previews

White Background



This preview shows how the Yxy color 39.7683, 0.2972, 0.3247 looks on a white background.

Color Contrast Check

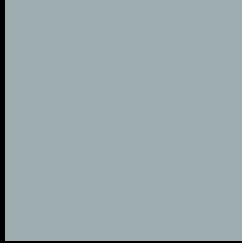
Large Text (above 18pt) WCAG AA × Fail

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 39.7683, 0.2972, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

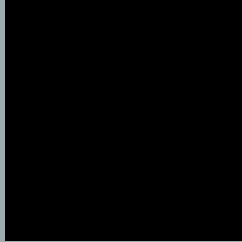
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

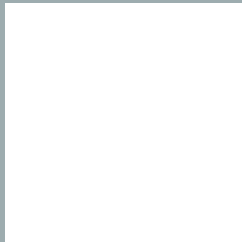
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.7683, 0.2972, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 39.7683, 0.2972, 0.3247.



This preview shows how white text looks on a background with the Yxy color 39.7683, 0.2972, 0.3247.

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

39.7683, 0.2972, 0.3247

Protanopia

39.6803, 0.3112, 0.3221

Deuteranopia

39.6703, 0.3182, 0.3117



Tritanopia

39.9574, 0.2918, 0.3108

Trichromacy



Original Color

39.7683, 0.2972, 0.3247

Protanomaly

39.5389, 0.3058, 0.3220

Deuteranomaly

39.6563, 0.3106, 0.3167

Tritanomaly

39.7311, 0.2933, 0.3149

Monochromacy



Original Color

39.7683, 0.2972, 0.3247

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.2087, 0.3065, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7683, 0.2972, 0.3247 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(157, 172, 175)` looks like.

```
.text, #text, p{  
    color:rgb(157, 172, 175)  
}
```

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(157, 172, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 172, 175) }
```

Border

The CSS property to change the border of an element to Yxy 39.7683, 0.2972, 0.3247 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(157, 172, 175) }
```

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

```
.border{ border-color:rgb(157, 172, 175) }
```

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

Here you see how a box with a 4 pixel rgb(157, 172, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 172, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 172, 175);  
box-shadow:4px 4px 4px 4px rgb(157, 172,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7683, 0.2972, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 172, 175) }
```

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

```
.background{ background-color: rgb(157,  
172, 175) }
```

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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