

Converting Colors

$Yxy(39.6517, 0.2961, 0.3247)$

Have a look what the booklet for
Yxy(39.6517, 0.2961, 0.3247)
contains.

Yxy(39.6681, 0.2963, 0.3247)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.6681, 0.2963, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	9CACAF
RGB	156, 172, 175
RGB Percent	61%, 67%, 69%
CMY	0.3883, 0.3255, 0.3138
CMYK	0.11, 0.02, 0.00, 0.31
HSL	189°, 11%, 65%
HSV	189°, 11%, 69%
XYZ	36.1985, 39.6681, 46.3018
YIQ	167.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

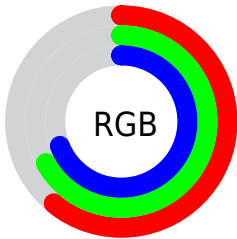
Format	Color
RYB	156, 165, 175
Decimal	10267823
CIELab	69.23, -4.95, -3.45
CIElCh	69, 6.035, 214.819
Yxy	39.6681, 0.2963, 0.3247
Android (android.graphics.Color)	4288457903 (0xFF9CACAF)
YUV	167.5580, 3.6689, -10.1364
Hunter-Lab	62.9826, -7.6288, 0.5006

Details

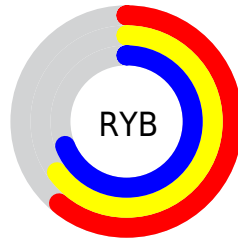
The Yxy color **39.6681, 0.2963, 0.3247** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3012, 0.3312, 0.3333**, and the grayscale version is **38.9155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5002, 0.3000, 0.3257**, and **17.8663, 0.2913, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **37.0123, 0.2816, 0.3204**, and if you desaturate by 10%, it is **42.6004, 0.3114, 0.3287**.

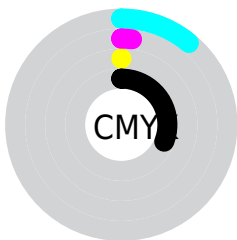
Distribution



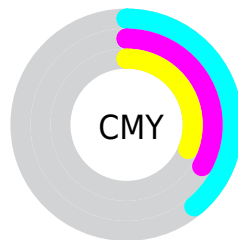
- Red (61%)
- Green (67%)
- Blue (69%)



- Red (61%)
- Yellow (65%)
- Blue (69%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (31%)



- Cyan (39%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6681, 0.2963, 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 39.6681, 0.2963, 0.3247 by changing the saturation by 10% instead.


 39.6681, 0.2963,
0.3247


 39.6681, 0.2963,
0.3247

344.7227, 0.3047,
0.3270

 27.2799, 0.2941,
0.3241


 74.6578, 0.2994,
0.3256

 17.7835, 0.2913,
0.3233


 98.0281, 0.3005,
0.3259

 10.7947, 0.2875,
0.3222


125.8279, 0.3015,
0.3261

 5.9289, 0.2820,
0.3206

158.4415, 0.3023,
0.3263

 2.8019, 0.2736,
0.3179

196.2534, 0.3030,
0.3265

 1.0292, 0.2587,
0.3130

239.6480, 0.3037,

 0.0000, 0.0000,

0.3267

0.0000

289.0096, 0.3042,
0.3268

■ 39.6681, 0.2963,
0.3247

■ 39.6681, 0.2963,
0.3247

■ 37.0123, 0.2816,
0.3204

■ 42.6004, 0.3114,
0.3287

■ 34.6172, 0.2677,
0.3157

■ 45.8143, 0.3267,
0.3323

■ 32.4727, 0.2547,
0.3107

■ 49.3213, 0.3419,
0.3355

■ 30.5665, 0.2431,
0.3055

■ 53.1304, 0.3569,
0.3384

■ 28.8847, 0.2330,
0.3001

■ 57.2504, 0.3714,
0.3409

■ 27.4121, 0.2247,
0.2946

■ 60.5364, 0.3804,
0.3434

■ 26.1314, 0.2182,
0.2890

■ 61.7263, 0.3795,
0.3462

■ 25.0221, 0.2137,
0.2835

■ 62.9388, 0.3786,
0.3491

■ 24.1184, 0.2107,
0.2785

■ 64.1739, 0.3777,
0.3519

Harmonies

Analogous

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



39.6681, 0.3010, 0.3328



39.6681, 0.2963, 0.3247



39.6681, 0.2959, 0.3179

Triad

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



39.6681, 0.2963, 0.3247



39.6681, 0.3164, 0.3184



39.6681, 0.3256, 0.3440

Complementary

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



39.6681, 0.2963, 0.3247



36.3012, 0.3312, 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.



39.6681, 0.3298, 0.3399



39.6681, 0.2963, 0.3247



39.6681, 0.3245, 0.3251

Square

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



39.6681, 0.2963, 0.3247



39.6681, 0.3074, 0.3144



39.6681, 0.3294, 0.3329



39.6681, 0.3179, 0.3441

Rectangle

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



39.6681, 0.2963, 0.3247



39.6681, 0.2981, 0.3150



39.6681, 0.3294, 0.3329



39.6681, 0.3275, 0.3430

Sweetspot

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



39.6698, 0.2963, 0.3247



75.1087, 0.3081, 0.3278



40.2218, 0.3091, 0.3524



16.5985, 0.3069, 0.3275



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.



39.6698, 0.2963, 0.3247



69.8840, 0.2928, 0.3237



36.2292, 0.2961, 0.3111



8.8545, 0.2986, 0.3253



17.3472, 0.2109, 0.2791



0.5392, 0.2155, 0.2957

Inverse Universe

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



35.8659, 0.3167, 0.3069



61.7492, 0.3176, 0.3019



39.6449, 0.3296, 0.3462



8.1261, 0.3161, 0.3101



8.0543, 0.3643, 0.1781



0.2298, 0.3492, 0.1698

Previews

White Background



This preview shows how the Yxy color 39.6681, 0.2963, 0.3247 looks on a white background.

Color Contrast Check

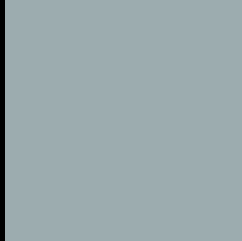
Large Text (above 18pt) WCAG AA × Fail

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 39.6681, 0.2963, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

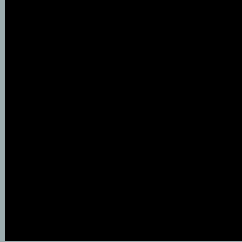
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

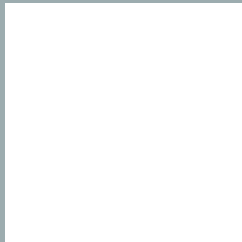
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.6681, 0.2963, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 39.6681, 0.2963, 0.3247.



This preview shows how white text looks on a background with the Yxy color 39.6681, 0.2963, 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

39.6681, 0.2963, 0.3247

Protanopia

39.6803, 0.3112, 0.3221

Deuteranopia

39.6703, 0.3182, 0.3117



Tritanopia

39.8556, 0.2910, 0.3108

Trichromacy



Original Color

39.6681, 0.2963, 0.3247

Protanomaly

39.5389, 0.3058, 0.3220

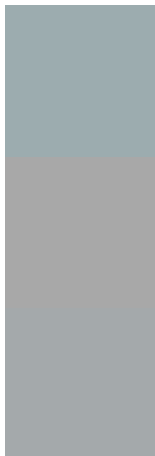
Deuteranomaly

39.6563, 0.3106, 0.3167

Tritanomaly

39.6301, 0.2924, 0.3149

Monochromacy



Original Color

39.6681, 0.2963, 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 39.6681, 0.2963, 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(156, 172, 175)` looks like.

```
.text, #text, p{  
    color:rgb(156, 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(156, 172, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 172, 175) }
```

Border

The CSS property to change the border of an element to Yxy 39.6681, 0.2963, 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(156, 172, 175) }
```

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

```
.border{ border-color:rgb(156, 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(156, 172, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 172, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 172, 175);  
box-shadow:4px 4px 4px 4px rgb(156, 172,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6681, 0.2963, 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(156, 172, 175) }
```

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

```
.background{ background-color: rgb(156,  
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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