

Converting Colors

$Y_{xy}(38.9419, 0.2875, 0.3373)$

Have a look what the booklet for
Yxy(38.9419, 0.2875, 0.3373)
contains.

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Color

Yxy(39.1000, 0.2878, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	8CAFA9
RGB	140, 175, 169
RGB Percent	55%, 69%, 66%
CMY	0.4508, 0.3137, 0.3372
CMYK	0.20, 0.00, 0.03, 0.31
HSL	170°, 18%, 62%
HSV	170°, 20%, 69%
XYZ	33.3126, 39.1000, 43.3364
YIQ	163.8510, -18.9340, -9.2860

Conversions

Conversions Part 2

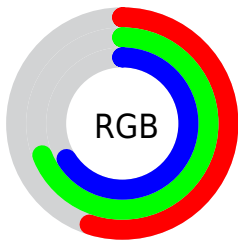
Format	Color
RYB	140, 159, 175
Decimal	9220009
CIELab	68.82, -13.09, -0.87
CIElCh	69, 13.120, 183.796
Yxy	39.1000, 0.2878, 0.3378
Android (android.graphics.Color)	4287410089 (0xFF8CAFA9)
YUV	163.8510, 2.5385, -20.9173
Hunter-Lab	62.5300, -14.3325, 2.6801

Details

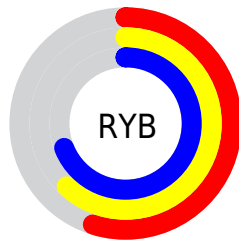
The Yxy color **39.1000, 0.2878, 0.3378** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.9562, 0.3450, 0.3204**, and the grayscale version is **37.0487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0030, 0.2926, 0.3368**, and **17.3273, 0.2800, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **37.5888, 0.2765, 0.3428**, and if you desaturate by 10%, it is **40.8588, 0.3000, 0.3332**.

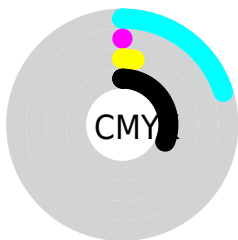
Distribution



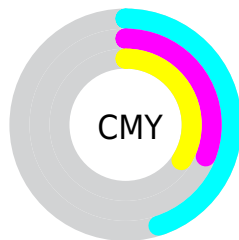
- Red (55%)
- Green (69%)
- Blue (66%)



- Red (55%)
- Yellow (62%)
- Blue (69%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)





- Cyan (45%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1000, 0.2878, 0.3378 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 39.1000, 0.2878, 0.3378 by changing the saturation by 10% instead.


 39.1000, 0.2878,
0.3378


 39.1000, 0.2878,
0.3378


342.3155, 0.3006,
0.3333


 26.8375, 0.2845,
0.3389


 73.7911, 0.2925,
0.3362

 17.4512, 0.2802,
0.3404


 96.9884, 0.2943,
0.3355

 10.5567, 0.2743,
0.3424


 124.5996, 0.2957,
0.3350

 5.7696, 0.2659,
0.3453

157.0089, 0.2970,
0.3346

 2.7055, 0.2528,
0.3497

194.6007, 0.2981,
0.3342

 0.9800, 0.2237,
0.3600

237.7595, 0.2990,

 0.0000, 0.0000,

0.3339

0.0000

286.8696, 0.2999,
0.3336

■ 39.1000, 0.2878,
0.3378

■ 39.1000, 0.2878,
0.3378

■ 37.5888, 0.2765,
0.3428

■ 40.8588, 0.3000,
0.3332

■ 36.3089, 0.2663,
0.3481

■ 42.8710, 0.3127,
0.3290

■ 35.2496, 0.2575,
0.3538

■ 45.1482, 0.3258,
0.3252

■ 34.3974, 0.2504,
0.3596

■ 47.6999, 0.3391,
0.3218

■ 33.7373, 0.2451,
0.3656

■ 50.5352, 0.3522,
0.3188

■ 33.2524, 0.2416,
0.3717

■ 53.6625, 0.3651,
0.3162

■ 32.9226, 0.2401,
0.3778

■ 55.6333, 0.3711,
0.3135

■ 32.7050, 0.2400,
0.3838

■ 55.7654, 0.3684,
0.3104

■ 32.7045, 0.2400,
0.3838

■ 55.9002, 0.3657,
0.3073

Harmonies

Analogous

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



39.1000, 0.3049, 0.3538



39.1000, 0.2878, 0.3378



39.1000, 0.2775, 0.3197

Triad

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



39.1000, 0.2878, 0.3378



39.1000, 0.3002, 0.2977



39.1000, 0.3505, 0.3518

Complementary

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



39.1000, 0.2878, 0.3378



29.9562, 0.3450, 0.3204

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.



39.1000, 0.3493, 0.3365



39.1000, 0.2878, 0.3378



39.1000, 0.3198, 0.3059

Square

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



39.1000, 0.2878, 0.3378



39.1000, 0.2844, 0.2971



39.1000, 0.3379, 0.3199



39.1000, 0.3412, 0.3616

Rectangle

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



39.1000, 0.2878, 0.3378



39.1000, 0.2756, 0.3092



39.1000, 0.3379, 0.3199



39.1000, 0.3513, 0.3471

Sweetspot

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



39.1016, 0.2878, 0.3378



74.5225, 0.3049, 0.3315



38.7041, 0.3158, 0.3820



16.5136, 0.3041, 0.3318



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.



39.1016, 0.2878, 0.3378



68.7793, 0.2827, 0.3400



35.1976, 0.2824, 0.3123



9.0482, 0.3008, 0.3329



23.4305, 0.2398, 0.3831



0.6579, 0.2347, 0.3649

Inverse Universe

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



29.9562, 0.3450, 0.3204



49.3804, 0.3542, 0.3184



33.1756, 0.3484, 0.3451



8.0369, 0.3260, 0.3251



6.6001, 0.6116, 0.3143



0.1902, 0.5389, 0.2742

Previews

White Background



This preview shows how the Yxy color 39.1000, 0.2878, 0.3378 looks on a white background.

Color Contrast Check

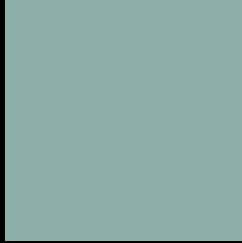
Large Text (above 18pt) WCAG AA × Fail

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 39.1000, 0.2878, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

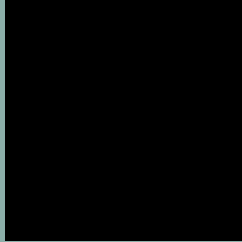
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

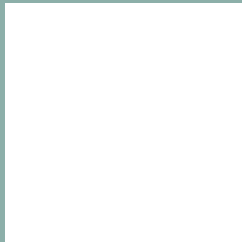
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.1000, 0.2878, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 39.1000, 0.2878, 0.3378.

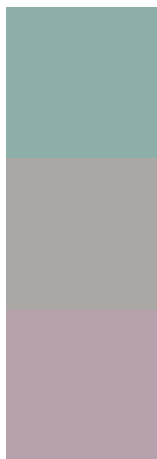


This preview shows how white text looks on a background with the Yxy color 39.1000, 0.2878, 0.3378.

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

39.1000, 0.2878, 0.3378

Protanopia

38.9757, 0.3190, 0.3332

Deuteranopia

38.7643, 0.3228, 0.3156



Tritanopia

38.8899, 0.2774, 0.3088

Trichromacy



Original Color

39.1000, 0.2878, 0.3378

Protanomaly

38.9762, 0.3071, 0.3347

Deuteranomaly

38.7932, 0.3093, 0.3234

Tritanomaly

38.9332, 0.2811, 0.3187

Monochromacy



Original Color

39.1000, 0.2878, 0.3378

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.7270, 0.3026, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1000, 0.2878, 0.3378 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(140, 175, 169)` looks like.

```
.text, #text, p{  
    color:rgb(140, 175, 169)  
}
```

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(140, 175, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 175, 169) }
```

Border

The CSS property to change the border of an element to Yxy 39.1000, 0.2878, 0.3378 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(140, 175, 169) }
```

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

```
.border{ border-color:rgb(140, 175, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 175, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 175, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 175, 169); box-shadow:4px 4px 4px 4px rgb(140, 175, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1000, 0.2878, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 175, 169) }
```

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

```
.background{ background-color: rgb(140,  
175, 169) }
```

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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