

Converting Colors

$Yxy(32.8356, 0.3008, 0.3359)$

Have a look what the booklet for
Yxy(32.8356, 0.3008, 0.3359)
contains.

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Color

Yxy(32.8802, 0.3010, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	8E9F9A
RGB	142, 159, 154
RGB Percent	56%, 62%, 60%
CMY	0.4431, 0.3765, 0.3962
CMYK	0.11, 0.00, 0.03, 0.38
HSL	162°, 8%, 59%
HSV	162°, 11%, 62%
XYZ	29.3852, 32.8802, 35.3599
YIQ	153.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

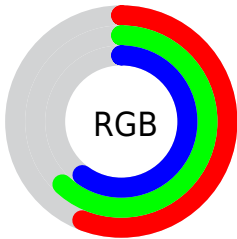
Format	Color
RYB	142, 152, 159
Decimal	9346970
CIELab	64.06, -7.01, 0.57
CIElCh	64, 7.035, 175.359
Yxy	32.8802, 0.3010, 0.3368
Android (android.graphics.Color)	4287537050 (0xFF8E9F9A)
YUV	153.3470, 0.3219, -9.9513
Hunter-Lab	57.3413, -8.8727, 3.5773

Details

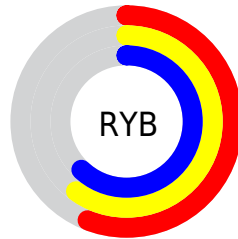
The Yxy color **32.8802, 0.3010, 0.3368** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.8265, 0.3260, 0.3213**, and the grayscale version is **32.0161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3830, 0.3037, 0.3360**, and **13.9797, 0.2975, 0.3402** is the 20% darker color. If you saturate the color by 10%, you get **31.4204, 0.2905, 0.3449**, and if you desaturate by 10%, it is **34.5496, 0.3119, 0.3295**.

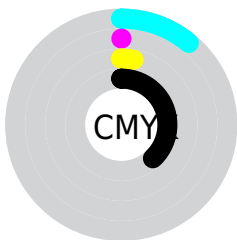
Distribution



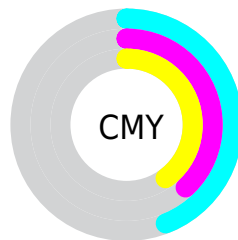
- Red (56%)
- Green (62%)
- Blue (60%)



- Red (56%)
- Yellow (60%)
- Blue (62%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (38%)





- Cyan (44%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.8802, 0.3010, 0.3368 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 32.8802, 0.3010, 0.3368 by changing the saturation by 10% instead.


 32.8802, 0.3010,
0.3368


 32.8802, 0.3010,
0.3368


315.1096, 0.3072,
0.3327

 22.0347, 0.2993,
0.3379


 64.1884, 0.3033,
0.3352

 13.8824, 0.2971,
0.3394


 85.4200, 0.3042,
0.3347

 8.0389, 0.2940,
0.3415


 110.8823, 0.3049,
0.3342

 4.1199, 0.2893,
0.3447

140.9598, 0.3055,
0.3338

 1.7408, 0.2815,
0.3499

176.0369, 0.3060,
0.3335

 0.4499, 0.2218,
0.3890

216.4979, 0.3065,

 0.0000, 0.0000,

0.3332

0.0000

262.7274, 0.3069,
0.3329

■ 32.8802, 0.3010,
0.3368

■ 32.8802, 0.3010,
0.3368

■ 31.4204, 0.2905,
0.3449

■ 34.5496, 0.3119,
0.3295

■ 30.1574, 0.2807,
0.3537

■ 36.4324, 0.3231,
0.3229

■ 29.0835, 0.2719,
0.3632

■ 38.5376, 0.3343,
0.3170

■ 28.1890, 0.2643,
0.3732

■ 40.8723, 0.3454,
0.3118

■ 27.4629, 0.2582,
0.3838

■ 43.4435, 0.3562,
0.3073

■ 26.8934, 0.2540,
0.3947

■ 46.2578, 0.3667,
0.3033

■ 26.4669, 0.2516,
0.4057

■ 49.3215, 0.3768,
0.2998

■ 26.1675, 0.2511,
0.4167

■ 49.8454, 0.3737,
0.2952

■ 25.9677, 0.2519,
0.4269

■ 50.0566, 0.3691,
0.2904

Harmonies

Analogous

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



32.8802, 0.3115, 0.3448



32.8802, 0.3010, 0.3368



32.8802, 0.2937, 0.3267

Triad

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



32.8802, 0.3010, 0.3368



32.8802, 0.3028, 0.3104



32.8802, 0.3345, 0.3400

Complementary

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



32.8802, 0.3010, 0.3368



28.8265, 0.3260, 0.3213

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.



32.8802, 0.3321, 0.3308



32.8802, 0.3010, 0.3368



32.8802, 0.3137, 0.3139

Square

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



32.8802, 0.3010, 0.3368



32.8802, 0.2947, 0.3116



32.8802, 0.3244, 0.3213



32.8802, 0.3309, 0.3465

Rectangle

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



32.8802, 0.3010, 0.3368



32.8802, 0.2916, 0.3203



32.8802, 0.3244, 0.3213



32.8802, 0.3344, 0.3371

Sweetspot

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



32.8816, 0.3010, 0.3368



61.1302, 0.3093, 0.3311



32.9639, 0.3164, 0.3556



13.7277, 0.3085, 0.3317



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



32.8816, 0.3010, 0.3368



58.1805, 0.2983, 0.3388



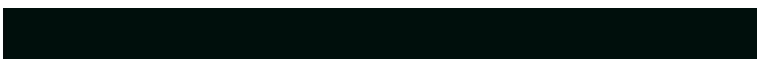
31.8992, 0.2967, 0.3237



7.4760, 0.3026, 0.3357



20.5163, 0.2517, 0.4260



0.3738, 0.2395, 0.3823

Inverse Universe

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



28.8265, 0.3260, 0.3213



49.3368, 0.3296, 0.3194



29.6994, 0.3306, 0.3343



6.6768, 0.3240, 0.3224



5.9905, 0.5727, 0.2929



0.1140, 0.4716, 0.2372

Previews

White Background



This preview shows how the Yxy color 32.8802, 0.3010, 0.3368 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 32.8802, 0.3010, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

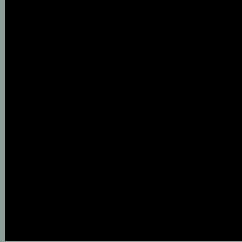
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

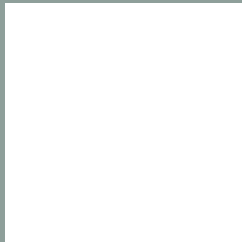
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.8802, 0.3010, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 32.8802, 0.3010, 0.3368.



This preview shows how white text looks on a background with the Yxy color 32.8802, 0.3010, 0.3368.

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

32.8802, 0.3010, 0.3368

Protanopia

32.7165, 0.3205, 0.3335

Deuteranopia

32.7590, 0.3275, 0.3204



Tritanopia

32.9983, 0.2910, 0.3108

Trichromacy



Original Color

32.8802, 0.3010, 0.3368

Protanomaly

32.8162, 0.3134, 0.3351

Deuteranomaly

32.6226, 0.3179, 0.3260

Tritanomaly

33.0633, 0.2943, 0.3198

Monochromacy



Original Color

32.8802, 0.3010, 0.3368

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.1322, 0.3086, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8802, 0.3010, 0.3368 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(142, 159, 154)` looks like.

```
.text, #text, p{  
    color:rgb(142, 159, 154)  
}
```

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(142, 159, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 159, 154) }
```

Border

The CSS property to change the border of an element to Yxy 32.8802, 0.3010, 0.3368 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(142, 159, 154) }
```

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

```
.border{ border-color:rgb(142, 159, 154) }
```

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

Here you see how a box with a 4 pixel rgb(142, 159, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 159, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 159, 154);  
box-shadow:4px 4px 4px 4px rgb(142, 159,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8802, 0.3010, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 159, 154) }
```

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

```
.background{ background-color: rgb(142,  
159, 154) }
```

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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