

Converting Colors

$Yxy(33.1535, 0.3067, 0.3073)$

Have a look what the booklet for
Yxy(33.1535, 0.3067, 0.3073)
contains.

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Color

Yxy(33.1867, 0.3069, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	A199A8
RGB	161, 153, 168
RGB Percent	63%, 60%, 66%
CMY	0.3685, 0.4000, 0.3411
CMYK	0.04, 0.09, 0.00, 0.34
HSL	272°, 8%, 63%
HSV	272°, 9%, 66%
XYZ	33.1651, 33.1867, 41.7130
YIQ	157.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

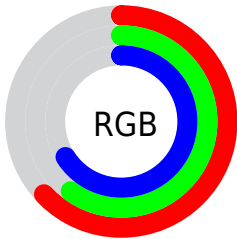
Format	Color
RYB	161, 153, 168
Decimal	10590632
CIELab	64.31, 5.84, -6.79
CIELCh	64, 8.951, 310.686
Yxy	33.1867, 0.3069, 0.3071
Android (android.graphics.Color)	4288780712 (0xFFA199A8)
YUV	157.1020, 5.3727, 3.4185
Hunter-Lab	57.6079, 1.9493, -2.6055

Details

The Yxy color **33.1867, 0.3069, 0.3071** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7821, 0.3181, 0.3510**, and the grayscale version is **33.7441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5523, 0.3083, 0.3112**, and **14.0149, 0.3043, 0.3001** is the 20% darker color. If you saturate the color by 10%, you get **27.2851, 0.2993, 0.2808**, and if you desaturate by 10%, it is **39.9161, 0.3133, 0.3315**.

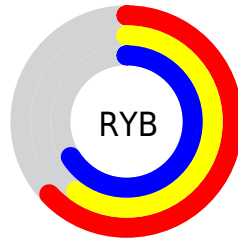
Distribution



Red (63%)

Green (60%)

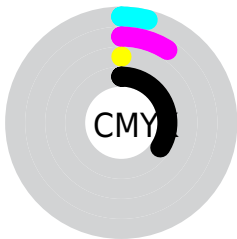
Blue (66%)



Red (63%)

Yellow (60%)

Blue (66%)

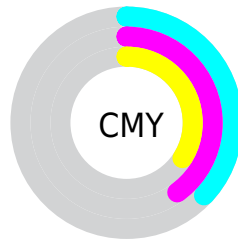


Cyan (4%)

Magenta (9%)

Yellow (0%)

Black (34%)



Cyan (37%)

Magenta (40%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.1867, 0.3069, 0.3071 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 33.1867, 0.3069, 0.3071 by changing the saturation by 10% instead.

■ 33.1867, 0.3069,
0.3071

■ 33.1867, 0.3069,
0.3071

316.4902, 0.3100,
0.3185

■ 22.2695, 0.3060,
0.3041

■ 64.6669, 0.3081,
0.3114

■ 14.0551, 0.3049,
0.3001

■ 85.9987, 0.3085,
0.3129

■ 8.1590, 0.3032,
0.2946

111.5708, 0.3089,
0.3143

■ 4.1968, 0.3008,
0.2866

141.7677, 0.3092,
0.3154

■ 1.7843, 0.2965,
0.2737

176.9736, 0.3094,
0.3163

■ 0.4773, 0.2883,
0.2308

217.5731, 0.3097,

■ 0.0000, 0.0000,

0.3172

0.0000

263.9505, 0.3099,
0.3179

■ 33.1867, 0.3069,
0.3071

■ 33.1867, 0.3069,
0.3071

■ 27.2851, 0.2993,
0.2808

■ 39.9161, 0.3133,
0.3315

■ 22.1740, 0.2906,
0.2530

■ 47.5003, 0.3188,
0.3538

■ 17.8194, 0.2807,
0.2243

■ 55.9701, 0.3233,
0.3740

■ 14.1831, 0.2698,
0.1956

■ 65.3538, 0.3271,
0.3921

■ 11.2236, 0.2581,
0.1681

■ 75.6782, 0.3302,
0.4084

8.8949, 0.2459,
0.1431

86.9690, 0.3327,
0.4230

7.1452, 0.2337,
0.1221

88.8890, 0.3376,
0.4225

5.9136, 0.2221,
0.1059

90.1020, 0.3428,
0.4209

5.0843, 0.2113,
0.0943

91.3722, 0.3481,
0.4193

Harmonies

Analogous

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



33.1867, 0.2945, 0.3054



33.1867, 0.3069, 0.3071



33.1867, 0.3211, 0.3143

Triad

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



33.1867, 0.3069, 0.3071



33.1867, 0.3390, 0.3476



33.1867, 0.2925, 0.3324

Complementary

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



33.1867, 0.3069, 0.3071



37.7821, 0.3181, 0.3510

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.



33.1867, 0.3040, 0.3445



33.1867, 0.3069, 0.3071



33.1867, 0.3309, 0.3532

Square

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



33.1867, 0.3069, 0.3071



33.1867, 0.3399, 0.3373



33.1867, 0.3181, 0.3522



33.1867, 0.2863, 0.3197

Rectangle

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



33.1867, 0.3069, 0.3071



33.1867, 0.3297, 0.3213



33.1867, 0.3181, 0.3522



33.1867, 0.2958, 0.3367

Sweetspot

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



33.1881, 0.3069, 0.3071



67.2152, 0.3108, 0.3217



34.7417, 0.2992, 0.3171



14.4392, 0.3103, 0.3198



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



33.1881, 0.3069, 0.3071



57.6652, 0.3053, 0.3013



33.9148, 0.3142, 0.3083



7.4911, 0.3067, 0.3062



3.8089, 0.2112, 0.0937



0.1226, 0.2472, 0.1136

Inverse Universe

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



33.6423, 0.3213, 0.3190



58.6905, 0.3236, 0.3163



37.1001, 0.3112, 0.3506



7.5981, 0.3216, 0.3186



6.7116, 0.5073, 0.2568



0.1737, 0.4307, 0.2146

Previews

White Background



This preview shows how the Yxy color 33.1867, 0.3069, 0.3071 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 33.1867, 0.3069, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

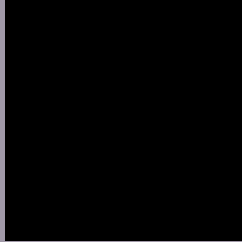
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

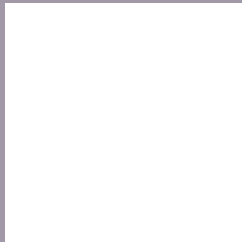
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.1867, 0.3069, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 33.1867, 0.3069, 0.3071.



This preview shows how white text looks on a background with the Yxy color 33.1867, 0.3069, 0.3071.

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

33.1867, 0.3069, 0.3071

Protanopia

33.2758, 0.3002, 0.3083

Deuteranopia

32.9597, 0.3109, 0.3045



Tritanopia

33.0761, 0.3096, 0.3114

Trichromacy



Original Color

33.1867, 0.3069, 0.3071

Protanomaly

33.1439, 0.3021, 0.3069

Deuteranomaly

33.1761, 0.3098, 0.3059

Tritanomaly

33.1127, 0.3087, 0.3100

Monochromacy



Original Color

33.1867, 0.3069, 0.3071

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.6192, 0.3101, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1867, 0.3069, 0.3071 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(161, 153, 168)` looks like.

```
.text, #text, p{  
    color:rgb(161, 153, 168)  
}
```

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(161, 153, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 153, 168) }
```

Border

The CSS property to change the border of an element to Yxy 33.1867, 0.3069, 0.3071 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(161, 153, 168) }
```

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

```
.border{ border-color:rgb(161, 153, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 153, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 153, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 153, 168);  
box-shadow:4px 4px 4px 4px rgb(161, 153,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1867, 0.3069, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 153, 168) }
```

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

```
.background{ background-color: rgb(161,  
153, 168) }
```

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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