

Converting Colors

$Yxy(33.2551, 0.3074, 0.3171)$

Have a look what the booklet for
Yxy(33.2551, 0.3074, 0.3171)
contains.

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Color

Yxy(33.2551, 0.3074, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	9D9BA3
RGB	157, 155, 163
RGB Percent	62%, 61%, 64%
CMY	0.3843, 0.3921, 0.3607
CMYK	0.04, 0.05, 0.00, 0.36
HSL	255°, 4%, 62%
HSV	255°, 5%, 64%
XYZ	32.2378, 33.2551, 39.3797
YIQ	156.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

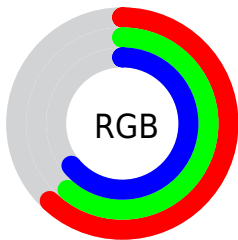
Format	Color
RYB	157, 155, 163
Decimal	10328995
CIELab	64.37, 2.29, -3.93
CIELCh	64, 4.548, 300.174
Yxy	33.2551, 0.3074, 0.3171
Android (android.graphics.Color)	4288519075 (0xFF9D9BA3)
YUV	156.5100, 3.1996, 0.4297
Hunter-Lab	57.6672, -1.1304, -0.1207

Details

The Yxy color **33.2551, 0.3074, 0.3171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.1484, 0.3179, 0.3408**, and the grayscale version is **33.4724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6599, 0.3087, 0.3189**, and **14.1125, 0.3064, 0.3142** is the 20% darker color. If you saturate the color by 10%, you get **27.0210, 0.2954, 0.2909**, and if you desaturate by 10%, it is **40.3481, 0.3178, 0.3406**.

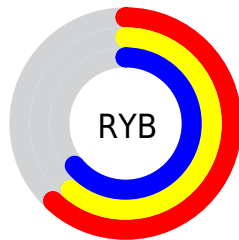
Distribution



Red (62%)

Green (61%)

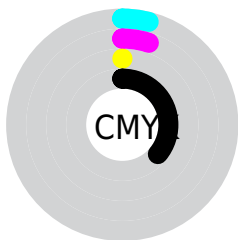
Blue (64%)



Red (62%)

Yellow (61%)

Blue (64%)

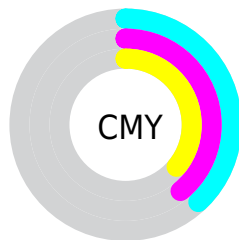


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (36%)



Cyan (38%)

Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.2551, 0.3074, 0.3171 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 33.2551, 0.3074, 0.3171 by changing the saturation by 10% instead.

■ 33.2551, 0.3074,
0.3171

■ 33.2551, 0.3074,
0.3171

316.7977, 0.3102,
0.3234

■ 22.3219, 0.3066,
0.3154

■ 64.7736, 0.3085,
0.3195

■ 14.0936, 0.3056,
0.3132

■ 86.1277, 0.3089,
0.3203

■ 8.1858, 0.3042,
0.3101

111.7243, 0.3092,
0.3210

■ 4.2141, 0.3020,
0.3056

141.9477, 0.3095,
0.3216

■ 1.7940, 0.2985,
0.2981

177.1824, 0.3097,
0.3222

■ 0.4834, 0.2863,
0.2686

217.8126, 0.3099,

■ 0.0000, 0.0000,

0.3226

0.0000

264.2229, 0.3101,
0.3230

■ 33.2551, 0.3074,
0.3171

■ 33.2551, 0.3074,
0.3171

■ 27.0210, 0.2954,
0.2909

■ 40.3481, 0.3178,
0.3406

■ 21.6088, 0.2816,
0.2621

■ 48.3266, 0.3267,
0.3615

■ 16.9849, 0.2663,
0.2312

■ 57.2215, 0.3343,
0.3799

■ 13.1120, 0.2495,
0.1990

■ 67.0610, 0.3408,
0.3960

■ 9.9496, 0.2319,
0.1669

■ 77.8717, 0.3463,
0.4102

7.4533, 0.2141,
0.1364

89.6796, 0.3509,
0.4226

5.5736, 0.1973,
0.1097

93.1687, 0.3587,
0.4218

4.2538, 0.1823,
0.0886

95.4171, 0.3672,
0.4191

3.4244, 0.1703,
0.0741

95.4251, 0.3672,
0.4191

Harmonies

Analogous

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



33.2551, 0.3018, 0.3174



33.2551, 0.3074, 0.3171



33.2551, 0.3145, 0.3199

Triad

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



33.2551, 0.3074, 0.3171



33.2551, 0.3266, 0.3370



33.2551, 0.3042, 0.3330

Complementary

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



33.2551, 0.3074, 0.3171



36.1484, 0.3179, 0.3408

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.



33.2551, 0.3108, 0.3384



33.2551, 0.3074, 0.3171



33.2551, 0.3238, 0.3407

Square

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



33.2551, 0.3074, 0.3171



33.2551, 0.3257, 0.3312



33.2551, 0.3180, 0.3412



33.2551, 0.3000, 0.3266

Rectangle

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



33.2551, 0.3074, 0.3171



33.2551, 0.3192, 0.3231



33.2551, 0.3180, 0.3412



33.2551, 0.3062, 0.3350

Sweetspot

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



33.2565, 0.3074, 0.3171



64.3095, 0.3116, 0.3266



35.1562, 0.3053, 0.3262



14.4600, 0.3117, 0.3267



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



33.2565, 0.3074, 0.3171



58.1322, 0.3061, 0.3141



33.6535, 0.3112, 0.3173



7.3473, 0.3056, 0.3132



2.4334, 0.1659, 0.0687



0.0719, 0.2028, 0.0891

Inverse Universe

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



33.8064, 0.3151, 0.3202



59.3476, 0.3157, 0.3181



35.7509, 0.3142, 0.3409



7.5112, 0.3159, 0.3174



7.1595, 0.3942, 0.1945



0.1573, 0.3628, 0.1773

Previews

White Background



This preview shows how the Yxy color 33.2551, 0.3074, 0.3171 looks on a white background.

Color Contrast Check

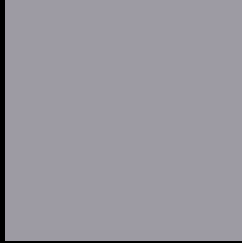
Large Text (above 18pt) WCAG AA × Fail

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 33.2551, 0.3074, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

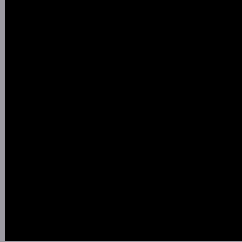
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

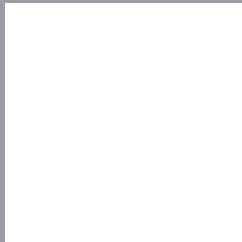
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.2551, 0.3074, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 33.2551, 0.3074, 0.3171.



This preview shows how white text looks on a background with the Yxy color 33.2551, 0.3074, 0.3171.

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

33.2551, 0.3074, 0.3171

Protanopia

33.2551, 0.3074, 0.3171

Deuteranopia

33.1384, 0.3176, 0.3103



Tritanopia

33.1703, 0.3048, 0.3099

Trichromacy



Original Color

33.2551, 0.3074, 0.3171

Protanomaly

33.2551, 0.3074, 0.3171

Deuteranomaly

33.0293, 0.3135, 0.3116

Tritanomaly

33.1335, 0.3057, 0.3113

Monochromacy



Original Color

33.2551, 0.3074, 0.3171

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.4482, 0.3110, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2551, 0.3074, 0.3171 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, 155, 163)` looks like.

```
.text, #text, p{  
    color:rgb(157, 155, 163)  
}
```

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, 155, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 155, 163) }
```

Border

The CSS property to change the border of an element to Yxy 33.2551, 0.3074, 0.3171 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, 155, 163) }
```

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

```
.border{ border-color:rgb(157, 155, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 155, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 155, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 155, 163);  
box-shadow:4px 4px 4px 4px rgb(157, 155,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2551, 0.3074, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 155, 163) }
```

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

```
.background{ background-color: rgb(157,  
155, 163) }
```

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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