

Converting Colors

$Yxy(33.5678, 0.3022, 0.3152)$

Have a look what the booklet for
Yxy(33.5678, 0.3022, 0.3152)
contains.

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Color

Yxy(33.4001, 0.3019, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	9A9CA6
RGB	154, 156, 166
RGB Percent	60%, 61%, 65%
CMY	0.3959, 0.3883, 0.3490
CMYK	0.07, 0.06, 0.00, 0.35
HSL	230°, 6%, 63%
HSV	230°, 7%, 65%
XYZ	32.1028, 33.4001, 40.8330
YIQ	156.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

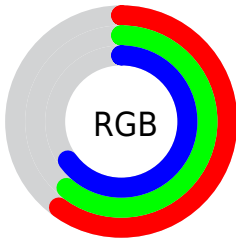
Format	Color
RYB	154, 156, 166
Decimal	10132646
CIELab	64.48, 1.30, -5.46
CIELCh	64, 5.614, 283.343
Yxy	33.4001, 0.3019, 0.3141
Android (android.graphics.Color)	4288322726 (0xFF9A9CA6)
YUV	156.5420, 4.6628, -2.2293
Hunter-Lab	57.7928, -1.9841, -1.4358

Details

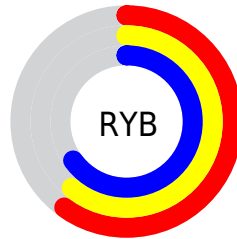
The Yxy color **33.4001, 0.3019, 0.3141** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.0091, 0.3234, 0.3435**, and the grayscale version is **33.4836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.7235, 0.3038, 0.3166**, and **14.2016, 0.2986, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **27.4870, 0.2856, 0.2911**, and if you desaturate by 10%, it is **40.0739, 0.3167, 0.3344**.

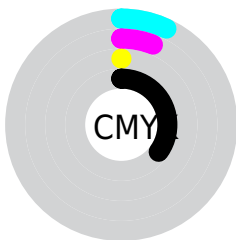
Distribution



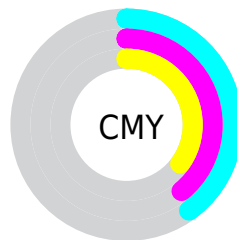
- Red (60%)
- Green (61%)
- Blue (65%)



- Red (60%)
- Yellow (61%)
- Blue (65%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (35%)



- Cyan (40%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.4001, 0.3019, 0.3141 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 33.4001, 0.3019, 0.3141 by changing the saturation by 10% instead.

■ 33.4001, 0.3019,
0.3141

■ 33.4001, 0.3019,
0.3141

317.4488, 0.3076,
0.3219

■ 22.4331, 0.3004,
0.3120

■ 64.9997, 0.3041,
0.3170

■ 14.1755, 0.2983,
0.3092

■ 86.4011, 0.3048,
0.3181

■ 8.2428, 0.2955,
0.3054

112.0494, 0.3055,
0.3190

■ 4.2507, 0.2912,
0.2997

142.3290, 0.3060,
0.3198

■ 1.8148, 0.2842,
0.2904

177.6244, 0.3065,
0.3204

■ 0.4964, 0.2619,
0.2582

218.3199, 0.3069,

■ 0.0000, 0.0000,

0.3210

0.0000

264.7999, 0.3073,
0.3215

■ 33.4001, 0.3019,
0.3141

■ 33.4001, 0.3019,
0.3141

■ 27.4870, 0.2856,
0.2911

■ 40.0739, 0.3167,
0.3344

■ 22.3035, 0.2678,
0.2655

■ 47.5299, 0.3299,
0.3522

■ 17.8221, 0.2489,
0.2375

■ 55.7940, 0.3417,
0.3676

■ 14.0124, 0.2294,
0.2077

■ 64.8895, 0.3521,
0.3811

■ 10.8416, 0.2101,
0.1772

■ 74.8388, 0.3613,
0.3927

■ 8.2739, 0.1921,
0.1473

■ 85.6636, 0.3694,
0.4027

■ 6.2701, 0.1765,
0.1199

■ 94.3790, 0.3660,
0.4147

■ 4.7860, 0.1643,
0.0967

■ 95.5333, 0.3655,
0.4162

■ 3.7651, 0.1561,
0.0791

Harmonies

Analogous

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



33.4001, 0.2968, 0.3167



33.4001, 0.3019, 0.3141



33.4001, 0.3099, 0.3154

Triad

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



33.4001, 0.3019, 0.3141



33.4001, 0.3298, 0.3350



33.4001, 0.3066, 0.3380

Complementary

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



33.4001, 0.3019, 0.3141



37.0091, 0.3234, 0.3435

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.



33.4001, 0.3154, 0.3431



33.4001, 0.3019, 0.3141



33.4001, 0.3288, 0.3412

Square

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



33.4001, 0.3019, 0.3141



33.4001, 0.3261, 0.3274



33.4001, 0.3235, 0.3442



33.4001, 0.2995, 0.3305

Rectangle

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



33.4001, 0.3019, 0.3141



33.4001, 0.3159, 0.3183



33.4001, 0.3235, 0.3442



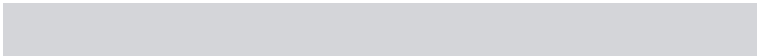
33.4001, 0.3094, 0.3401

Sweetspot

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



33.4015, 0.3019, 0.3141



66.7066, 0.3097, 0.3249



36.8283, 0.3035, 0.3319



14.9587, 0.3099, 0.3252



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.



33.4015, 0.3019, 0.3141



58.4100, 0.2988, 0.3098



33.1476, 0.3058, 0.3114



7.4915, 0.2986, 0.3095



2.7965, 0.1545, 0.0762



0.1244, 0.1684, 0.1261

Inverse Universe

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



33.6303, 0.3229, 0.3262



58.9466, 0.3259, 0.3254



37.2913, 0.3194, 0.3464



7.5616, 0.3261, 0.3253



6.3534, 0.6130, 0.3151



0.1603, 0.5380, 0.2738

Previews

White Background



This preview shows how the Yxy color 33.4001, 0.3019, 0.3141 looks on a white background.

Color Contrast Check

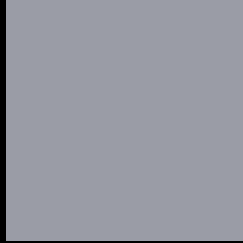
Large Text (above 18pt) WCAG AA × Fail

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 33.4001, 0.3019, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

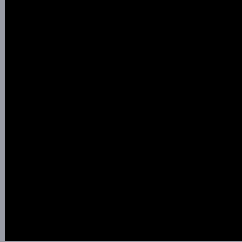
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

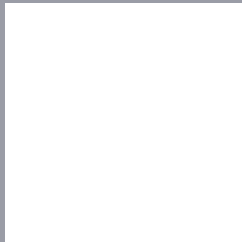
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.4001, 0.3019, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 33.4001, 0.3019, 0.3141.



This preview shows how white text looks on a background with the Yxy color 33.4001, 0.3019, 0.3141.

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

33.4001, 0.3019, 0.3141

Protanopia

33.2638, 0.3038, 0.3127

Deuteranopia

33.4620, 0.3137, 0.3075



Tritanopia

33.4741, 0.3001, 0.3112

Trichromacy



Original Color

33.4001, 0.3019, 0.3141

Protanomaly

33.1644, 0.3028, 0.3127

Deuteranomaly

33.2539, 0.3088, 0.3086

Tritanomaly

33.4370, 0.3010, 0.3127

Monochromacy



Original Color

33.4001, 0.3019, 0.3141

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.7199, 0.3091, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4001, 0.3019, 0.3141 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(154, 156, 166)` looks like.

```
.text, #text, p{  
    color:rgb(154, 156, 166)  
}
```

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(154, 156, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 156, 166) }
```

Border

The CSS property to change the border of an element to Yxy 33.4001, 0.3019, 0.3141 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(154, 156, 166) }
```

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

```
.border{ border-color:rgb(154, 156, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 156, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 156, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 156, 166);  
box-shadow:4px 4px 4px 4px rgb(154, 156,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4001, 0.3019, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 156, 166) }
```

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

```
.background{ background-color: rgb(154,  
156, 166) }
```

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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