

Converting Colors

$Y_{xy}(31.2969, 0.3297, 0.3049)$

Have a look what the booklet for
Yxy(31.2969, 0.3297, 0.3049)
contains.

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Color

Yxy(31.2969, 0.3297, 0.3049)

Conversions

Conversions Part 1

Format	Color
Hex	AF8FA0
RGB	175, 143, 160
RGB Percent	69%, 56%, 63%
CMY	0.3138, 0.4392, 0.3726
CMYK	0.00, 0.18, 0.09, 0.31
HSL	328°, 17%, 62%
HSV	328°, 18%, 69%
XYZ	33.8425, 31.2969, 37.5070
YIQ	154.5060, 13.6150, 12.0710

Conversions

Conversions Part 2

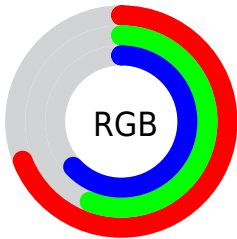
Format	Color
R_{YB}	175, 143, 160
Decimal	11505568
CIE _{Lab}	62.76, 14.92, -4.41
CIE _{LCh}	63, 15.554, 343.525
Yxy	31.2969, 0.3297, 0.3049
Android (android.graphics.Color)	4289695648 (0xFFAF8FA0)
YUV	154.5060, 2.7085, 17.9732
Hunter-Lab	55.9436, 10.0804, -0.5900

Details

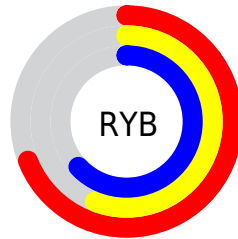
The Yxy color **31.2969, 0.3297, 0.3049** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.9630, 0.2986, 0.3544**, and the grayscale version is **32.5320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8277, 0.3263, 0.3094**, and **13.0704, 0.3342, 0.2971** is the 20% darker color. If you saturate the color by 10%, you get **26.1695, 0.3416, 0.2910**, and if you desaturate by 10%, it is **37.2656, 0.3197, 0.3184**.

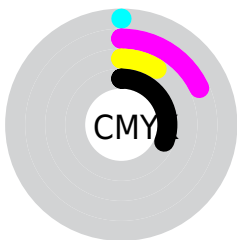
Distribution



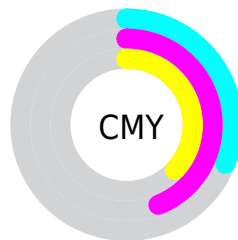
- Red (69%)
- Green (56%)
- Blue (63%)



- Red (69%)
- Yellow (56%)
- Blue (63%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (31%)





- Cyan (31%)
- Magenta (44%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.2969, 0.3297, 0.3049 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 31.2969, 0.3297, 0.3049 by changing the saturation by 10% instead.


 31.2969, 0.3297,
0.3049


 31.2969, 0.3297,
0.3049


307.9038, 0.3208,
0.3175

 20.8250, 0.3321,
0.3015


 61.7072, 0.3263,
0.3096

 12.9962, 0.3353,
0.2971


 82.4144, 0.3251,
0.3114

 7.4259, 0.3397,
0.2910


107.3023, 0.3241,
0.3128

 3.7299, 0.3463,
0.2819

136.7550, 0.3232,
0.3140

 1.5236, 0.3571,
0.2672

171.1572, 0.3225,
0.3151

 0.3053, 0.4088,
0.1908

210.8931, 0.3218,

 0.0000, 0.0000,

0.3160

0.0000

256.3472, 0.3213,
0.3168

■ 31.2969, 0.3297,
0.3049

■ 31.2969, 0.3297,
0.3049

■ 26.1695, 0.3416,
0.2910

■ 37.2656, 0.3197,
0.3184

■ 21.8409, 0.3557,
0.2771

■ 44.1071, 0.3114,
0.3312

■ 18.2713, 0.3721,
0.2638

■ 51.8566, 0.3045,
0.3431

■ 15.4158, 0.3908,
0.2521

■ 60.5458, 0.2988,
0.3541

■ 13.2245, 0.4115,
0.2430

■ 70.2052, 0.2940,
0.3643

■ 11.6414, 0.4335,
0.2378

■ 80.8637, 0.2901,
0.3736

■ 10.6006, 0.4561,
0.2375

■ 85.6651, 0.2862,
0.3713

■ 9.9913, 0.4782,
0.2420

■ 86.1042, 0.2820,
0.3618

■ 9.9003, 0.4821,
0.2429

■ 86.5649, 0.2779,
0.3523

Harmonies

Analogous

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



31.2969, 0.3045, 0.2918



31.2969, 0.3297, 0.3049



31.2969, 0.3509, 0.3240

Triad

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



31.2969, 0.3297, 0.3049



31.2969, 0.3428, 0.3725



31.2969, 0.2662, 0.3100

Complementary

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



31.2969, 0.3297, 0.3049



38.9630, 0.2986, 0.3544

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.



31.2969, 0.2756, 0.3325



31.2969, 0.3297, 0.3049



31.2969, 0.3194, 0.3700

Square

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



31.2969, 0.3297, 0.3049



31.2969, 0.3585, 0.3628



31.2969, 0.2949, 0.3550



31.2969, 0.2686, 0.2939

Rectangle

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



31.2969, 0.3297, 0.3049



31.2969, 0.3595, 0.3380



31.2969, 0.2949, 0.3550



31.2969, 0.2681, 0.3170

Sweetspot

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



31.2983, 0.3297, 0.3049



70.4850, 0.3169, 0.3225



30.0055, 0.2977, 0.2822



15.4838, 0.3175, 0.3216



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.



31.2983, 0.3297, 0.3049



52.1122, 0.3344, 0.2992



30.7768, 0.3463, 0.3276



8.0837, 0.3207, 0.3170



7.1040, 0.4797, 0.2416



0.2086, 0.4196, 0.2085

Inverse Universe

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



31.2983, 0.3297, 0.3049



52.1122, 0.3344, 0.2992



39.5467, 0.2865, 0.3305



8.0837, 0.3207, 0.3170



7.1040, 0.4797, 0.2416



0.2086, 0.4196, 0.2085

Previews

White Background



This preview shows how the Yxy color 31.2969, 0.3297, 0.3049 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 31.2969, 0.3297, 0.3049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

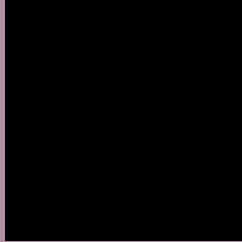
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2969, 0.3297, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 31.2969, 0.3297, 0.3049.



This preview shows how white text looks on a background with the Yxy color 31.2969, 0.3297, 0.3049.

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

31.2969, 0.3297, 0.3049

Protanopia

31.4291, 0.2999, 0.3078

Deuteranopia

31.1572, 0.3177, 0.3113



Tritanopia

31.3117, 0.3336, 0.3133

Trichromacy



Original Color

31.2969, 0.3297, 0.3049

Protanomaly

31.2977, 0.3107, 0.3068

Deuteranomaly

31.2765, 0.3219, 0.3100

Tritanomaly

31.3795, 0.3316, 0.3104

Monochromacy



Original Color

31.2969, 0.3297, 0.3049

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.2489, 0.3182, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2969, 0.3297, 0.3049 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(175, 143, 160)` looks like.

```
.text, #text, p{  
    color:rgb(175, 143, 160)  
}
```

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(175, 143, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 143, 160) }
```

Border

The CSS property to change the border of an element to Yxy 31.2969, 0.3297, 0.3049 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(175, 143, 160) }
```

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

```
.border{ border-color:rgb(175, 143, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 143, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 143, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 143, 160);  
box-shadow:4px 4px 4px 4px rgb(175, 143,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2969, 0.3297, 0.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 143, 160) }
```

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

```
.background{ background-color: rgb(175,  
143, 160) }
```

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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