

Converting Colors

$Yxy(37.0574, 0.3473, 0.3060)$

Have a look what the booklet for
Yxy(37.0574, 0.3473, 0.3060)
contains.

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Color

Yxy(37.0574, 0.3473, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	C996A8
RGB	201, 150, 168
RGB Percent	79%, 59%, 66%
CMY	0.2118, 0.4117, 0.3411
CMYK	0.00, 0.25, 0.16, 0.21
HSL	339°, 32%, 69%
HSV	339°, 25%, 79%
XYZ	42.0589, 37.0574, 41.9863
YIQ	167.3010, 24.6180, 16.4100

Conversions

Conversions Part 2

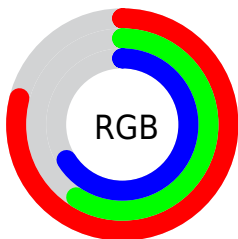
Format	Color
R_{YB}	201, 150, 168
Decimal	13211304
CIE _{Lab}	67.32, 21.88, -1.92
CIE _{LCh}	67, 21.962, 354.992
Yxy	37.0574, 0.3473, 0.3060
Android (android.graphics.Color)	4291401384 (0xFFC996A8)
YUV	167.3010, 0.3446, 29.5540
Hunter-Lab	60.8748, 16.7964, 1.7191

Details

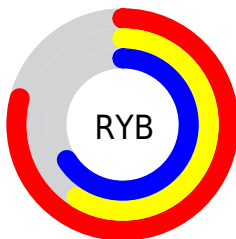
The Yxy color **37.0574, 0.3473, 0.3060** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.6691, 0.2873, 0.3533**, and the grayscale version is **38.7880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7734, 0.3382, 0.3098**, and **16.2956, 0.3578, 0.2995** is the 20% darker color. If you saturate the color by 10%, you get **30.7242, 0.3664, 0.2965**, and if you desaturate by 10%, it is **44.5425, 0.3316, 0.3154**.

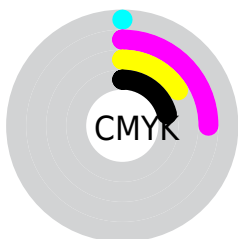
Distribution



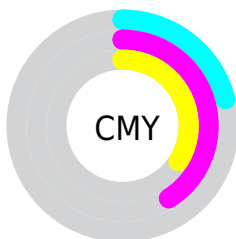
- Red (79%)
- Green (59%)
- Blue (66%)



- Red (79%)
- Yellow (59%)
- Blue (66%)



- Cyan (0%)
- Magenta (25%)
- Yellow (16%)
- Black (21%)





- Cyan (21%)
- Magenta (41%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0574, 0.3473, 0.3060 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 37.0574, 0.3473, 0.3060 by changing the saturation by 10% instead.


 37.0574, 0.3473,
0.3060


 37.0574, 0.3473,
0.3060


333.5590, 0.3294,
0.3178

 25.2519, 0.3520,
0.3029


 70.6611, 0.3406,
0.3104

 16.2649, 0.3581,
0.2989


 93.2280, 0.3382,
0.3120

 9.7118, 0.3665,
0.2935


120.1510, 0.3361,
0.3134

 5.2083, 0.3786,
0.2857

151.8143, 0.3344,
0.3145

 2.3700, 0.3978,
0.2735

188.6023, 0.3329,
0.3155

 0.8104, 0.4327,
0.2515

230.8995, 0.3316,

 0.0000, 1.0000,

0.3164

0.0000

279.0903, 0.3304,
0.3171

0.0000, 0.0000,
0.0000

37.0574, 0.3473,
0.3060

37.0574, 0.3473,
0.3060

30.7242, 0.3664,
0.2965

44.5425, 0.3316,
0.3154

25.4804, 0.3892,
0.2873

53.2280, 0.3186,
0.3244

21.2649, 0.4160,
0.2793

63.1656, 0.3081,
0.3328

18.0090, 0.4464,
0.2734

74.4026, 0.2994,
0.3406

15.6349, 0.4794,
0.2711

86.9838, 0.2924,
0.3477

■ 14.0530, 0.5129,
0.2733

■ 90.5902, 0.2857,
0.3384

■ 13.1534, 0.5443,
0.2805

■ 91.1552, 0.2811,
0.3289

■ 12.8698, 0.5579,
0.2847

Harmonies

Analogous

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



37.0574, 0.3143, 0.2856



37.0574, 0.3473, 0.3060



37.0574, 0.3714, 0.3324

Triad

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



37.0574, 0.3473, 0.3060



37.0574, 0.3413, 0.3884



37.0574, 0.2508, 0.2937

Complementary

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



37.0574, 0.3473, 0.3060



51.6691, 0.2873, 0.3533

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.



37.0574, 0.2572, 0.3211



37.0574, 0.3473, 0.3060



37.0574, 0.3084, 0.3786

Square

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



37.0574, 0.3473, 0.3060



37.0574, 0.3673, 0.3804



37.0574, 0.2778, 0.3530



37.0574, 0.2597, 0.2777

Rectangle

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



37.0574, 0.3473, 0.3060



37.0574, 0.3784, 0.3507



37.0574, 0.2778, 0.3530



37.0574, 0.2512, 0.3018

Sweetspot

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



37.0591, 0.3473, 0.3060



86.8469, 0.3219, 0.3220



36.0135, 0.2982, 0.2631



18.0930, 0.3238, 0.3206



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



37.0591, 0.3473, 0.3060



57.7327, 0.3565, 0.3012



38.6665, 0.3637, 0.3380



10.6978, 0.3235, 0.3209



8.1094, 0.5542, 0.2827



0.3977, 0.4958, 0.2505

Inverse Universe

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



37.0591, 0.3473, 0.3060



57.7327, 0.3565, 0.3012



49.3684, 0.2750, 0.3198



10.6978, 0.3235, 0.3209



8.1094, 0.5542, 0.2827



0.3977, 0.4958, 0.2505

Previews

White Background



This preview shows how the Yxy color 37.0574, 0.3473, 0.3060 looks on a white background.

Color Contrast Check

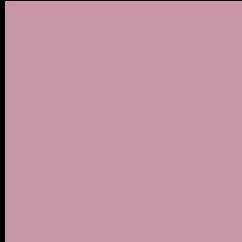
Large Text (above 18pt) WCAG AA × Fail

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 37.0574, 0.3473, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

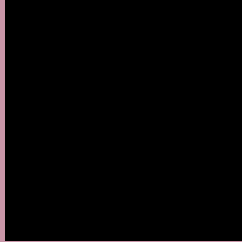
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0574, 0.3473, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 37.0574, 0.3473, 0.3060.



This preview shows how white text looks on a background with the Yxy color 37.0574, 0.3473, 0.3060.

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

37.0574, 0.3473, 0.3060

Protanopia

37.2215, 0.3025, 0.3107

Deuteranopia

37.1332, 0.3258, 0.3194



Tritanopia

37.0569, 0.3512, 0.3136

Trichromacy



Original Color

37.0574, 0.3473, 0.3060

Protanomaly

36.8180, 0.3175, 0.3085

Deuteranomaly

37.1317, 0.3331, 0.3143

Tritanomaly

37.1292, 0.3491, 0.3110

Monochromacy



Original Color

37.0574, 0.3473, 0.3060

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.8635, 0.3246, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0574, 0.3473, 0.3060 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(201, 150, 168)` looks like.

```
.text, #text, p{  
    color:rgb(201, 150, 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(201, 150, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 150, 168) }
```

Border

The CSS property to change the border of an element to Yxy 37.0574, 0.3473, 0.3060 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(201, 150, 168) }
```

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

```
.border{ border-color:rgb(201, 150, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 150, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 150, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 150, 168);  
box-shadow:4px 4px 4px 4px rgb(201, 150,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0574, 0.3473, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 150, 168) }
```

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

```
.background{ background-color: rgb(201,  
150, 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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