

Converting Colors

$Y_{xy}(42.3549, 0.3423, 0.3068)$

Have a look what the booklet for
Yxy(42.3549, 0.3423, 0.3068)
contains.

Yxy(42.2997, 0.3423, 0.3070)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.2997, 0.3423, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	D1A1B3
RGB	209, 161, 179
RGB Percent	82%, 63%, 70%
CMY	0.1806, 0.3685, 0.2981
CMYK	0.00, 0.23, 0.14, 0.18
HSL	338°, 34%, 73%
HSV	338°, 23%, 82%
XYZ	47.1635, 42.2997, 48.3209
YIQ	177.4040, 22.8300, 15.7740

Conversions

Conversions Part 2

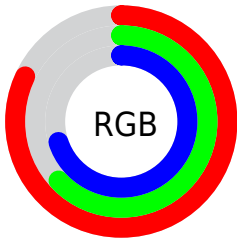
Format	Color
R _Y B	209, 161, 179
Decimal	13738419
CIE Lab	71.08, 20.51, -2.42
CIE LCh	71, 20.656, 353.271
Yxy	42.2997, 0.3423, 0.3070
Android (android.graphics.Color)	4291928499 (0xFFD1A1B3)
YUV	177.4040, 0.7868, 27.7097
Hunter-Lab	65.0382, 15.6252, 1.4766

Details

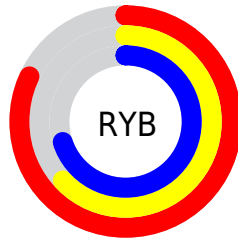
The Yxy color **42.2997, 0.3423, 0.3070** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.9151, 0.2902, 0.3522**, and the grayscale version is **44.1758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3699, 0.3281, 0.3101**, and **19.3137, 0.3517, 0.3011** is the 20% darker color. If you saturate the color by 10%, you get **35.0935, 0.3600, 0.2969**, and if you desaturate by 10%, it is **50.7802, 0.3277, 0.3169**.

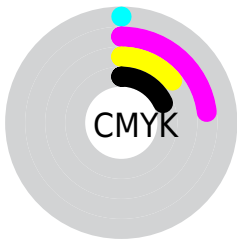
Distribution



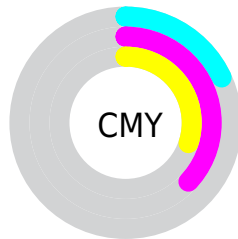
- Red (82%)
- Green (63%)
- Blue (70%)



- Red (82%)
- Yellow (63%)
- Blue (70%)



- Cyan (0%)
- Magenta (23%)
- Yellow (14%)
- Black (18%)




- Cyan (18%)
- Magenta (37%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2997, 0.3423, 0.3070 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 42.2997, 0.3423, 0.3070 by changing the saturation by 10% instead.


 42.2997, 0.3423,
0.3070


 42.2997, 0.3423,
0.3070


355.7238, 0.3273,
0.3181

 29.3360, 0.3461,
0.3042

 78.6530, 0.3368,
0.3110

 19.3352, 0.3510,
0.3007


 102.8114, 0.3348,
0.3125

 11.9127, 0.3576,
0.2959


131.4703, 0.3331,
0.3138

 6.6843, 0.3669,
0.2892

165.0138, 0.3316,
0.3149

 3.2654, 0.3811,
0.2791

203.8266, 0.3303,
0.3158

 1.2718, 0.4053,
0.2623

248.2929, 0.3292,

 0.1192, 0.5948,

0.3167

0.1155

298.7972, 0.3282,
0.3174

0.0000, 0.0000,
0.0000

42.2997, 0.3423,
0.3070

42.2997, 0.3423,
0.3070

35.0935, 0.3600,
0.2969

50.7802, 0.3277,
0.3169

29.0937, 0.3811,
0.2869

60.5868, 0.3158,
0.3264

24.2352, 0.4060,
0.2780

71.7757, 0.3060,
0.3351

20.4440, 0.4345,
0.2710

84.3980, 0.2980,
0.3433

17.6375, 0.4659,
0.2673

91.6174, 0.2911,
0.3401

■ 15.7208, 0.4983,
0.2680

■ 92.2873, 0.2854,
0.3289

■ 14.5796, 0.5295,
0.2739

■ 14.1020, 0.5500,
0.2804

Harmonies

Analogous

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



42.2997, 0.3125, 0.2888



42.2997, 0.3423, 0.3070



42.2997, 0.3646, 0.3308

Triad

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



42.2997, 0.3423, 0.3070



42.2997, 0.3402, 0.3823



42.2997, 0.2566, 0.2985

Complementary

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



42.2997, 0.3423, 0.3070



56.9151, 0.2902, 0.3522

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.



42.2997, 0.2633, 0.3237



42.2997, 0.3423, 0.3070



42.2997, 0.3107, 0.3743

Square

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



42.2997, 0.3423, 0.3070



42.2997, 0.3630, 0.3746



42.2997, 0.2827, 0.3521



42.2997, 0.2640, 0.2832

Rectangle

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



42.2997, 0.3423, 0.3070



42.2997, 0.3715, 0.3474



42.2997, 0.2827, 0.3521



42.2997, 0.2573, 0.3060

Sweetspot

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



42.3016, 0.3423, 0.3070



88.4373, 0.3205, 0.3225



41.1224, 0.2991, 0.2695



18.7266, 0.3212, 0.3219



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.



42.3016, 0.3423, 0.3070



60.0463, 0.3514, 0.3015



43.6198, 0.3580, 0.3361



11.8805, 0.3233, 0.3203



8.7176, 0.5463, 0.2783



0.5026, 0.4962, 0.2507

Inverse Universe

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



42.3016, 0.3423, 0.3070



60.0463, 0.3514, 0.3015



55.0606, 0.2785, 0.3218



11.8805, 0.3233, 0.3203



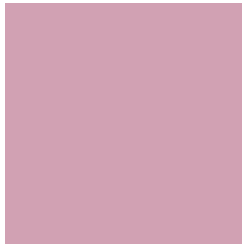
8.7176, 0.5463, 0.2783



0.5026, 0.4962, 0.2507

Previews

White Background



This preview shows how the Yxy color 42.2997, 0.3423, 0.3070 looks on a white background.

Color Contrast Check

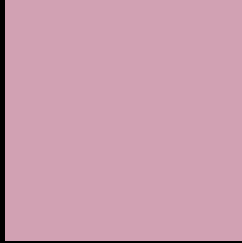
Large Text (above 18pt) WCAG AA × Fail

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 42.2997, 0.3423, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

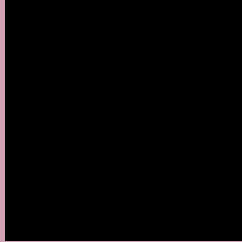
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2997, 0.3423, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 42.2997, 0.3423, 0.3070.



This preview shows how white text looks on a background with the Yxy color 42.2997, 0.3423, 0.3070.

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

42.2997, 0.3423, 0.3070

Protanopia

42.4310, 0.3030, 0.3116

Deuteranopia

42.5374, 0.3242, 0.3174



Tritanopia

42.3066, 0.3459, 0.3142

Trichromacy



Original Color

42.2997, 0.3423, 0.3070

Protanomaly

42.3596, 0.3172, 0.3108

Deuteranomaly

42.3571, 0.3311, 0.3138

Tritanomaly

42.3851, 0.3440, 0.3118

Monochromacy



Original Color

42.2997, 0.3423, 0.3070

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.1590, 0.3231, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2997, 0.3423, 0.3070 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(209, 161, 179)` looks like.

```
.text, #text, p{  
    color:rgb(209, 161, 179)  
}
```

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(209, 161, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 161, 179) }
```

Border

The CSS property to change the border of an element to Yxy 42.2997, 0.3423, 0.3070 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(209, 161, 179) }
```

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

```
.border{ border-color:rgb(209, 161, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 161, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 161, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 161, 179);  
box-shadow:4px 4px 4px 4px rgb(209, 161,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2997, 0.3423, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 161, 179) }
```

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

```
.background{ background-color: rgb(209,  
161, 179) }
```

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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