

Converting Colors

$Y_{xy}(42.3875, 0.3373, 0.3001)$

Have a look what the booklet for
Yxy(42.3875, 0.3373, 0.3001)
contains.

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Color

Yxy(42.5057, 0.3377, 0.3010)

Conversions

Conversions Part 1

Format	Color
Hex	D1A1B8
RGB	209, 161, 184
RGB Percent	82%, 63%, 72%
CMY	0.1804, 0.3686, 0.2786
CMYK	0.00, 0.23, 0.12, 0.18
HSL	331°, 34%, 73%
HSV	331°, 23%, 82%
XYZ	47.6883, 42.5057, 51.0210
YIQ	177.9740, 21.2250, 17.3290

Conversions

Conversions Part 2

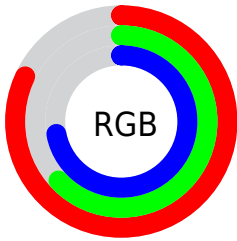
Format	Color
R _Y B	209, 161, 184
Decimal	13738424
CIE Lab	71.22, 21.37, -4.97
CIE LCh	71, 21.938, 346.913
Yxy	42.5057, 0.3377, 0.3010
Android (android.graphics.Color)	4291928504 (0xFFD1A1B8)
YUV	177.9740, 2.9708, 27.2098
Hunter-Lab	65.1964, 16.4712, -0.7613

Details

The Yxy color **42.5057, 0.3377, 0.3010** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.7259, 0.2933, 0.3589**, and the grayscale version is **44.4823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6630, 0.3246, 0.3053**, and **19.4460, 0.3450, 0.2930** is the 20% darker color. If you saturate the color by 10%, you get **35.3631, 0.3523, 0.2882**, and if you desaturate by 10%, it is **50.9082, 0.3255, 0.3136**.

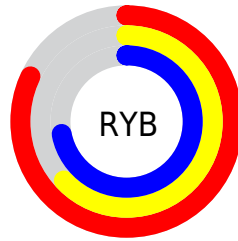
Distribution



Red (82%)

Green (63%)

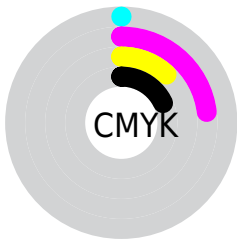
Blue (72%)



Red (82%)

Yellow (63%)

Blue (72%)

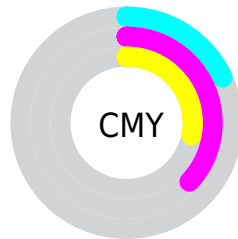


Cyan (0%)

Magenta (23%)

Yellow (12%)

Black (18%)



Cyan (18%)


Magenta (37%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5057, 0.3377, 0.3010 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 42.5057, 0.3377, 0.3010 by changing the saturation by 10% instead.


 42.5057, 0.3377,
0.3010


 42.5057, 0.3377,
0.3010


356.5750, 0.3252,
0.3149

 29.4975, 0.3408,
0.2975


 78.9644, 0.3331,
0.3060

 19.4575, 0.3449,
0.2931


 103.1837, 0.3314,
0.3079

 12.0013, 0.3503,
0.2873


131.9088, 0.3300,
0.3096

 6.7446, 0.3579,
0.2791

165.5240, 0.3287,
0.3109

 3.3029, 0.3693,
0.2670

204.4139, 0.3277,
0.3121

 1.2918, 0.3884,
0.2474

248.9627, 0.3267,

 0.1349, 0.5081,

0.3132

0.1055

299.5550, 0.3259,
0.3141

0.0000, 0.0000,
0.0000

42.5057, 0.3377,
0.3010

42.5057, 0.3377,
0.3010

35.3631, 0.3523,
0.2882

50.9082, 0.3255,
0.3136

29.4134, 0.3697,
0.2756

60.6222, 0.3154,
0.3256

24.5917, 0.3898,
0.2641

71.7031, 0.3070,
0.3368

20.8248, 0.4127,
0.2547

84.2016, 0.3001,
0.3473

18.0306, 0.4376,
0.2487

91.2763, 0.2942,
0.3462

■ 16.1150, 0.4637,
0.2473

■ 91.9383, 0.2884,
0.3347

■ 14.9644, 0.4894,
0.2512

■ 92.2953, 0.2855,
0.3289

■ 14.4753, 0.5069,
0.2566

Harmonies

Analogous

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



42.5057, 0.3056, 0.2837



42.5057, 0.3377, 0.3010



42.5057, 0.3638, 0.3252

Triad

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



42.5057, 0.3377, 0.3010



42.5057, 0.3477, 0.3851



42.5057, 0.2537, 0.3015

Complementary

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



42.5057, 0.3377, 0.3010



56.7259, 0.2933, 0.3589

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.



42.5057, 0.2637, 0.3297



42.5057, 0.3377, 0.3010



42.5057, 0.3173, 0.3804

Square

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



42.5057, 0.3377, 0.3010



42.5057, 0.3694, 0.3737



42.5057, 0.2867, 0.3595



42.5057, 0.2583, 0.2829

Rectangle

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



42.5057, 0.3377, 0.3010



42.5057, 0.3736, 0.3428



42.5057, 0.2867, 0.3595



42.5057, 0.2554, 0.3101

Sweetspot

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



42.5076, 0.3377, 0.3010



88.5501, 0.3193, 0.3207



40.5109, 0.2949, 0.2687



18.7527, 0.3199, 0.3200



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.



42.5076, 0.3377, 0.3010



60.4244, 0.3452, 0.2941



41.9022, 0.3594, 0.3301



11.9011, 0.3217, 0.3179



8.9447, 0.5036, 0.2548



0.5161, 0.4613, 0.2315

Inverse Universe

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



42.5076, 0.3377, 0.3010



60.4244, 0.3452, 0.2941



57.3910, 0.2789, 0.3279



11.9011, 0.3217, 0.3179



8.9447, 0.5036, 0.2548



0.5161, 0.4613, 0.2315

Previews

White Background



This preview shows how the Yxy color 42.5057, 0.3377, 0.3010 looks on a white background.

Color Contrast Check

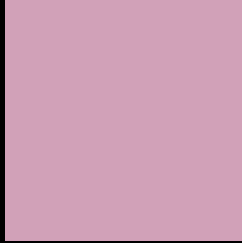
Large Text (above 18pt) WCAG AA × Fail

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 42.5057, 0.3377, 0.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

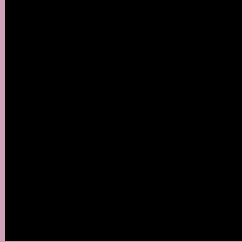
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5057, 0.3377, 0.3010

Background



This preview shows how black text looks on a background with the Yxy color 42.5057, 0.3377, 0.3010.



This preview shows how white text looks on a background with the Yxy color 42.5057, 0.3377, 0.3010.

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

42.5057, 0.3377, 0.3010

Protanopia

42.5771, 0.2975, 0.3038

Deuteranopia

42.4447, 0.3190, 0.3121



Tritanopia

42.6994, 0.3448, 0.3143

Trichromacy



Original Color

42.5057, 0.3377, 0.3010

Protanomaly

42.4892, 0.3112, 0.3032

Deuteranomaly

42.4271, 0.3257, 0.3075

Tritanomaly

42.4649, 0.3422, 0.3093

Monochromacy



Original Color

42.5057, 0.3377, 0.3010

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.6192, 0.3213, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5057, 0.3377, 0.3010 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(209, 161, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 161, 184) }
```

Border

The CSS property to change the border of an element to Yxy 42.5057, 0.3377, 0.3010 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, 184) }
```

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

```
.border{ border-color:rgb(209, 161, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 161, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 161, 184);  
box-shadow:4px 4px 4px 4px rgb(209, 161,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5057, 0.3377, 0.3010 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, 184) }
```

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

```
.background{ background-color: rgb(209,  
161, 184) }
```

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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