

Converting Colors

$Y_{xy}(41.0094, 0.3471, 0.2874)$

Have a look what the booklet for
Yxy(41.0094, 0.3471, 0.2874)
contains.

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Color

Yxy(40.9367, 0.3470, 0.2867)

Conversions

Conversions Part 1

Format	Color
Hex	DC97BB
RGB	220, 151, 187
RGB Percent	86%, 59%, 73%
CMY	0.1373, 0.4078, 0.2667
CMYK	0.00, 0.31, 0.15, 0.14
HSL	329°, 50%, 73%
HSV	329°, 31%, 86%
XYZ	49.5467, 40.9367, 52.3025
YIQ	175.7350, 29.5680, 25.8240

Conversions

Conversions Part 2

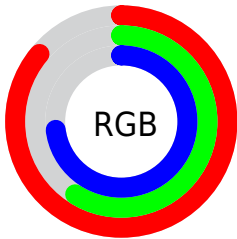
Format	Color
R _Y B	220, 151, 187
Decimal	14456763
CIE Lab	70.13, 31.15, -8.13
CIE LCh	70, 32.191, 345.370
Yxy	40.9367, 0.3470, 0.2867
Android (android.graphics.Color)	4292646843 (0xFFDC97BB)
YUV	175.7350, 5.5536, 38.8204
Hunter-Lab	63.9818, 26.2600, -3.6799

Details

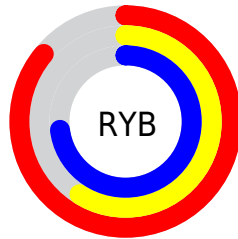
The Yxy color $40.9367, 0.3470, 0.2867$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $61.2176, 0.2885, 0.3758$, and the grayscale version is $43.2309, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.8737, 0.3233, 0.2924$, and $18.5374, 0.3568, 0.2747$ is the 20% darker color. If you saturate the color by 10%, you get $34.0712, 0.3625, 0.2729$, and if you desaturate by 10%, it is $49.1600, 0.3339, 0.3007$.

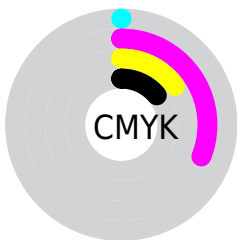
Distribution



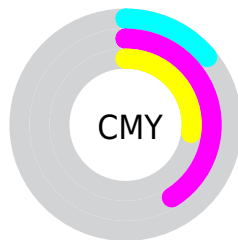
- Red (86%)
- Green (59%)
- Blue (73%)



- Red (86%)
- Yellow (59%)
- Blue (73%)



- Cyan (0%)
- Magenta (31%)
- Yellow (15%)
- Black (14%)





- Cyan (14%)
- Magenta (41%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9367, 0.3470, 0.2867 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 40.9367, 0.3470, 0.2867 by changing the saturation by 10% instead.


 40.9367, 0.3470,
0.2867


 40.9367, 0.3470,
0.2867

350.0560, 0.3298,
0.3076

 28.2696, 0.3513,
0.2816


 76.5878, 0.3408,
0.2942

 18.5290, 0.3568,
0.2750


 100.3406, 0.3384,
0.2971

 11.3304, 0.3641,
0.2664


128.5574, 0.3364,
0.2995

 6.2896, 0.3743,
0.2545

161.6227, 0.3347,
0.3016

 3.0219, 0.3896,
0.2372

199.9208, 0.3333,
0.3034

 1.1432, 0.4146,
0.2097

243.8361, 0.3320,

 0.0146, 0.5639,

0.3050

0.0106

293.7531, 0.3309,
0.3064

0.0000, 0.0000,
0.0000

40.9367, 0.3470,
0.2867

40.9367, 0.3470,
0.2867

34.0712, 0.3625,
0.2729

49.1600, 0.3339,
0.3007

28.4836, 0.3804,
0.2601

58.8040, 0.3229,
0.3143

24.0942, 0.4007,
0.2494

69.9346, 0.3138,
0.3273

20.8120, 0.4229,
0.2418

82.6117, 0.3063,
0.3395

18.5325, 0.4462,
0.2388

93.0002, 0.3000,
0.3448

■ 17.1314, 0.4695,
0.2410

■ 93.6423, 0.2943,
0.3339

■ 16.4453, 0.4890,
0.2468

■ 93.9526, 0.2917,
0.3289

Harmonies

Analogous

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



40.9367, 0.2991, 0.2629



40.9367, 0.3470, 0.2867



40.9367, 0.3875, 0.3204

Triad

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



40.9367, 0.3470, 0.2867



40.9367, 0.3655, 0.4123



40.9367, 0.2274, 0.2889

Complementary

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



40.9367, 0.3470, 0.2867



61.2176, 0.2885, 0.3758

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.



40.9367, 0.2423, 0.3312



40.9367, 0.3470, 0.2867



40.9367, 0.3207, 0.4084

Square

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



40.9367, 0.3470, 0.2867



40.9367, 0.3975, 0.3919



40.9367, 0.2757, 0.3773



40.9367, 0.2330, 0.2620

Rectangle

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



40.9367, 0.3470, 0.2867



40.9367, 0.4030, 0.3454



40.9367, 0.2757, 0.3773



40.9367, 0.2301, 0.3017

Sweetspot

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



40.9386, 0.3470, 0.2867



85.5345, 0.3207, 0.3173



37.3962, 0.2836, 0.2435



17.8424, 0.3221, 0.3154



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.



40.9386, 0.3470, 0.2867



50.3344, 0.3575, 0.2771



39.6611, 0.3815, 0.3264



13.1644, 0.3211, 0.3169



9.6762, 0.4858, 0.2450



0.6443, 0.4516, 0.2262

Inverse Universe

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



40.9386, 0.3470, 0.2867



50.3344, 0.3575, 0.2771



62.8023, 0.2692, 0.3317



13.1644, 0.3211, 0.3169



9.6762, 0.4858, 0.2450



0.6443, 0.4516, 0.2262

Previews

White Background



This preview shows how the Yxy color 40.9367, 0.3470, 0.2867 looks on a white background.

Color Contrast Check

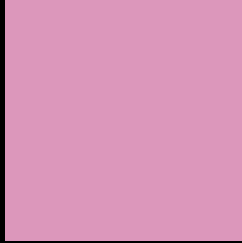
Large Text (above 18pt) WCAG AA × Fail

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 40.9367, 0.3470, 0.2867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

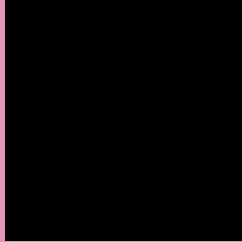
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9367, 0.3470, 0.2867

Background



This preview shows how black text looks on a background with the Yxy color 40.9367, 0.3470, 0.2867.



This preview shows how white text looks on a background with the Yxy color 40.9367, 0.3470, 0.2867.

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

40.9367, 0.3470, 0.2867

Protanopia

41.0885, 0.2870, 0.2903

Deuteranopia

41.1654, 0.3129, 0.3066



Tritanopia

41.1013, 0.3652, 0.3159

Trichromacy



Original Color

40.9367, 0.3470, 0.2867

Protanomaly

40.5736, 0.3065, 0.2878

Deuteranomaly

40.7283, 0.3245, 0.2985

Tritanomaly

41.2273, 0.3584, 0.3052

Monochromacy



Original Color

40.9367, 0.3470, 0.2867

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.1392, 0.3246, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9367, 0.3470, 0.2867 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(220, 151, 187)` looks like.

```
.text, #text, p{  
    color:rgb(220, 151, 187)  
}
```

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(220, 151, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 151, 187) }
```

Border

The CSS property to change the border of an element to Yxy 40.9367, 0.3470, 0.2867 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(220, 151, 187) }
```

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

```
.border{ border-color:rgb(220, 151, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 151, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 151, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 151, 187); box-shadow:4px 4px 4px 4px rgb(220, 151, 187) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9367, 0.3470, 0.2867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 151, 187) }
```

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

```
.background{ background-color: rgb(220,  
151, 187) }
```

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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