

Converting Colors

$Yxy(39.8248, 0.3455, 0.2953)$

Have a look what the booklet for
Yxy(39.8248, 0.3455, 0.2953)
contains.

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Color

Yxy(39.7488, 0.3459, 0.2950)

Conversions

Conversions Part 1

Format	Color
Hex	D498B4
RGB	212, 152, 180
RGB Percent	83%, 60%, 71%
CMY	0.1688, 0.4038, 0.2942
CMYK	0.00, 0.28, 0.15, 0.17
HSL	332°, 41%, 71%
HSV	332°, 28%, 83%
XYZ	46.6072, 39.7488, 48.3857
YIQ	173.1320, 26.7720, 21.4280

Conversions

Conversions Part 2

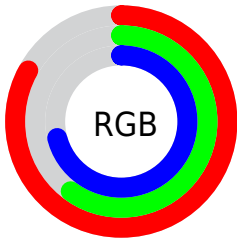
Format	Color
R _Y B	212, 152, 180
Decimal	13932724
CIE Lab	69.29, 26.65, -5.57
CIE LCh	69, 27.228, 348.197
Yxy	39.7488, 0.3459, 0.2950
Android (android.graphics.Color)	4292122804 (0xFFD498B4)
YUV	173.1320, 3.3859, 34.0872
Hunter-Lab	63.0466, 21.6243, -1.3700

Details

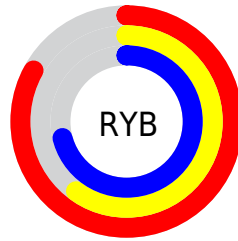
The Yxy color **39.7488, 0.3459, 0.2950** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.2048, 0.2887, 0.3659**, and the grayscale version is **41.8322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9418, 0.3283, 0.3001**, and **17.7146, 0.3556, 0.2850** is the 20% darker color. If you saturate the color by 10%, you get **33.0304, 0.3624, 0.2825**, and if you desaturate by 10%, it is **47.7379, 0.3321, 0.3075**.

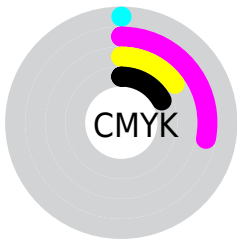
Distribution



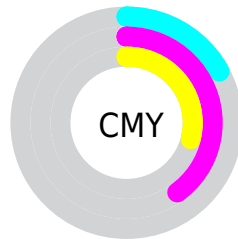
- Red (83%)
- Green (60%)
- Blue (71%)



- Red (83%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (28%)
- Yellow (15%)
- Black (17%)





- Cyan (17%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7488, 0.3459, 0.2950 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 39.7488, 0.3459, 0.2950 by changing the saturation by 10% instead.


 39.7488, 0.3459,
0.2950


 39.7488, 0.3459,
0.2950


345.0637, 0.3291,
0.3120

 27.3427, 0.3502,
0.2907


 74.7808, 0.3397,
0.3012

 17.8308, 0.3557,
0.2853


 98.1756, 0.3374,
0.3035

 10.8286, 0.3631,
0.2780


126.0021, 0.3355,
0.3055

 5.9517, 0.3737,
0.2678

158.6446, 0.3338,
0.3072

 2.8157, 0.3897,
0.2526

196.4877, 0.3324,
0.3086

 1.0363, 0.4170,
0.2276

239.9156, 0.3312,

 0.0000, 0.6547,


0.3099


0.0000

289.3128, 0.3301,
0.3110


 0.0000, 0.0000,
0.0000


 39.7488, 0.3459,
0.2950


 39.7488, 0.3459,
0.2950


 33.0304, 0.3624,
0.2825

 47.7379, 0.3321,
0.3075


 27.5109, 0.3817,
0.2707


 57.0537, 0.3207,
0.3195


 23.1197, 0.4040,
0.2605

 67.7556, 0.3112,
0.3309

 19.7763, 0.4288,
0.2530

 79.8975, 0.3034,
0.3415

 17.3896, 0.4552,
0.2496

 91.5976, 0.2970,
0.3482

■ 15.8525, 0.4821,
0.2513

■ 92.2779, 0.2909,
0.3363

■ 15.0062, 0.5078,
0.2581

■ 92.7308, 0.2871,
0.3289

■ 14.8892, 0.5122,
0.2595

Harmonies

Analogous

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



39.7488, 0.3051, 0.2732



39.7488, 0.3459, 0.2950



39.7488, 0.3789, 0.3251

Triad

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



39.7488, 0.3459, 0.2950



39.7488, 0.3551, 0.4007



39.7488, 0.2387, 0.2923

Complementary

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



39.7488, 0.3459, 0.2950



57.2048, 0.2887, 0.3659

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.



39.7488, 0.2502, 0.3276



39.7488, 0.3459, 0.2950



39.7488, 0.3162, 0.3945

Square

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



39.7488, 0.3459, 0.2950



39.7488, 0.3836, 0.3858



39.7488, 0.2780, 0.3666



39.7488, 0.2452, 0.2701

Rectangle

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



39.7488, 0.3459, 0.2950



39.7488, 0.3908, 0.3469



39.7488, 0.2780, 0.3666



39.7488, 0.2405, 0.3029

Sweetspot

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



39.7506, 0.3459, 0.2950



86.9865, 0.3205, 0.3198



37.4057, 0.2907, 0.2536



18.1281, 0.3221, 0.3180



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.



39.7506, 0.3459, 0.2950



53.9668, 0.3556, 0.2874



39.3781, 0.3737, 0.3317



12.5163, 0.3219, 0.3182



9.2158, 0.5088, 0.2577



0.5725, 0.4680, 0.2352

Inverse Universe

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



39.7506, 0.3459, 0.2950



53.9668, 0.3556, 0.2874



57.5030, 0.2717, 0.3263



12.5163, 0.3219, 0.3182



9.2158, 0.5088, 0.2577



0.5725, 0.4680, 0.2352

Previews

White Background



This preview shows how the Yxy color 39.7488, 0.3459, 0.2950 looks on a white background.

Color Contrast Check

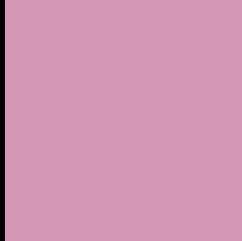
Large Text (above 18pt) WCAG AA × Fail

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 39.7488, 0.3459, 0.2950 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 39.7488, 0.3459, 0.2950

Background



This preview shows how black text looks on a background with the Yxy color 39.7488, 0.3459, 0.2950.



This preview shows how white text looks on a background with the Yxy color 39.7488, 0.3459, 0.2950.

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

39.7488, 0.3459, 0.2950

Protanopia

39.8300, 0.2930, 0.2990

Deuteranopia

39.7104, 0.3173, 0.3103



Tritanopia

39.5660, 0.3575, 0.3142

Trichromacy



Original Color

39.7488, 0.3459, 0.2950

Protanomaly

39.4531, 0.3114, 0.2974

Deuteranomaly

39.7337, 0.3272, 0.3045

Tritanomaly

39.5716, 0.3537, 0.3069

Monochromacy



Original Color

39.7488, 0.3459, 0.2950

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.6097, 0.3237, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7488, 0.3459, 0.2950 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(212, 152, 180)` looks like.

```
.text, #text, p{  
    color:rgb(212, 152, 180)  
}
```

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(212, 152, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 152, 180) }
```

Border

The CSS property to change the border of an element to Yxy 39.7488, 0.3459, 0.2950 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(212, 152, 180) }
```

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

```
.border{ border-color:rgb(212, 152, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 152, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 152, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 152, 180);  
box-shadow:4px 4px 4px 4px rgb(212, 152,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7488, 0.3459, 0.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 152, 180) }
```

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

```
.background{ background-color: rgb(212,  
152, 180) }
```

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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