

Converting Colors

Yxy(39.2126, 0.3786, 0.3160)

Have a look what the booklet for
Yxy(39.2126, 0.3786, 0.3160)
contains.

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Color

Yxy(39.2126, 0.3786, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	DE949F
RGB	222, 148, 159
RGB Percent	87%, 58%, 62%
CMY	0.1293, 0.4197, 0.3764
CMYK	0.00, 0.33, 0.28, 0.13
HSL	351°, 53%, 73%
HSV	351°, 33%, 87%
XYZ	46.9807, 39.2126, 37.8972
YIQ	171.3800, 40.5730, 19.1090

Conversions

Conversions Part 2

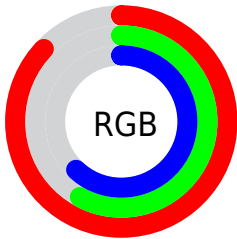
Format	Color
RYB	222, 148, 159
Decimal	14587039
CIELab	68.90, 29.36, 5.70
CIELCh	69, 29.912, 10.992
Yxy	39.2126, 0.3786, 0.3160
Android (android.graphics.Color)	4292777119 (0xFFDE949F)
YUV	171.3800, -6.1033, 44.3937
Hunter-Lab	62.6200, 24.3348, 7.9520

Details

The Yxy color **39.2126, 0.3786, 0.3160** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.2599, 0.2714, 0.3427**, and the grayscale version is **40.9431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8269, 0.3451, 0.3179**, and **17.4478, 0.3985, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **32.2983, 0.4089, 0.3122**, and if you desaturate by 10%, it is **47.5668, 0.3537, 0.3201**.

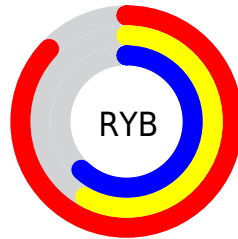
Distribution



Red (87%)

Green (58%)

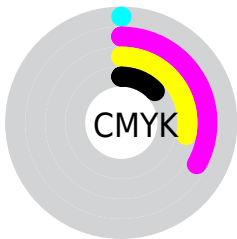
Blue (62%)



Red (87%)

Yellow (58%)

Blue (62%)

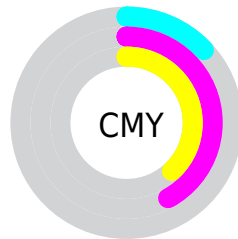


Cyan (0%)

Magenta (33%)

Yellow (28%)

Black (13%)



Cyan (13%)


Magenta (42%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2126, 0.3786, 0.3160 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 39.2126, 0.3786, 0.3160 by changing the saturation by 10% instead.


 39.2126, 0.3786,
0.3160


 39.2126, 0.3786,
0.3160


342.7935, 0.3445,
0.3232

 26.9252, 0.3875,
0.3140


 73.9630, 0.3659,
0.3188

 17.5170, 0.3991,
0.3112


 97.1947, 0.3613,
0.3198

 10.6038, 0.4149,
0.3074


124.8433, 0.3573,
0.3206

 5.8011, 0.4377,
0.3014

157.2932, 0.3540,
0.3213

 2.7245, 0.4730,
0.2915

194.9288, 0.3511,
0.3219

 0.9897, 0.5386,
0.2744

238.1345, 0.3486,

 0.0000, 1.0000,

0.3224

0.0000

287.2946, 0.3464,
0.3228

0.0000, 0.0000,
0.0000

39.2126, 0.3786,
0.3160

39.2126, 0.3786,
0.3160

32.2983, 0.4089,
0.3122

47.5668, 0.3537,
0.3201

26.7372, 0.4450,
0.3090

57.4301, 0.3336,
0.3240

22.4417, 0.4861,
0.3071

68.8740, 0.3174,
0.3278

19.3119, 0.5297,
0.3073

81.9638, 0.3043,
0.3313

17.2325, 0.5713,
0.3102

94.1791, 0.2937,
0.3305

■ 16.0645, 0.6052,
0.3158

■ 94.2752, 0.2929,
0.3289

■ 15.6453, 0.6217,
0.3198

Harmonies

Analogous

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



39.2126, 0.3386, 0.2850



39.2126, 0.3786, 0.3160



39.2126, 0.3999, 0.3516

Triad

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



39.2126, 0.3786, 0.3160



39.2126, 0.3269, 0.4058



39.2126, 0.2352, 0.2684

Complementary

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



39.2126, 0.3786, 0.3160



63.2599, 0.2714, 0.3427

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.



39.2126, 0.2328, 0.2965



39.2126, 0.3786, 0.3160



39.2126, 0.2837, 0.3799

Square

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



39.2126, 0.3786, 0.3160



39.2126, 0.3681, 0.4060



39.2126, 0.2498, 0.3378



39.2126, 0.2566, 0.2577

Rectangle

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



39.2126, 0.3786, 0.3160



39.2126, 0.3998, 0.3744



39.2126, 0.2498, 0.3378



39.2126, 0.2322, 0.2759

Sweetspot

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



39.2145, 0.3786, 0.3160



83.4758, 0.3279, 0.3253



40.2899, 0.3065, 0.2440



17.4088, 0.3303, 0.3248



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.



39.2145, 0.3786, 0.3160



46.8764, 0.3991, 0.3133



47.9079, 0.3802, 0.3599



13.7336, 0.3269, 0.3255



9.2997, 0.6190, 0.3184



0.6552, 0.5814, 0.2977

Inverse Universe

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



39.2145, 0.3786, 0.3160



46.8764, 0.3991, 0.3133



51.1039, 0.2613, 0.2956



13.7336, 0.3269, 0.3255



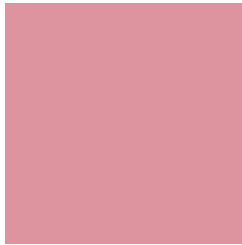
9.2997, 0.6190, 0.3184



0.6552, 0.5814, 0.2977

Previews

White Background



This preview shows how the Yxy color 39.2126, 0.3786, 0.3160 looks on a white background.

Color Contrast Check

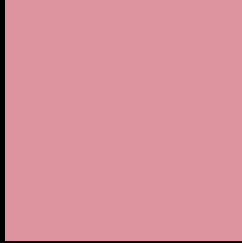
Large Text (above 18pt) WCAG AA × Fail

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 39.2126, 0.3786, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

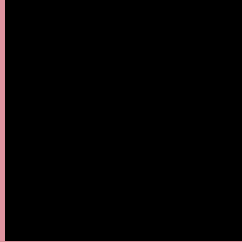
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2126, 0.3786, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 39.2126, 0.3786, 0.3160.



This preview shows how white text looks on a background with the Yxy color 39.2126, 0.3786, 0.3160.

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

39.2126, 0.3786, 0.3160

Protanopia

39.5655, 0.3138, 0.3262

Deuteranopia

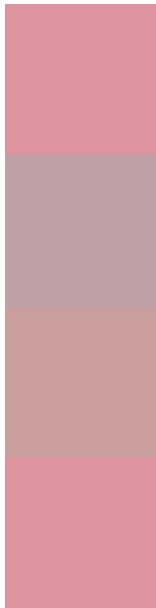
39.4135, 0.3442, 0.3385



Tritanopia

39.2126, 0.3786, 0.3160

Trichromacy



Original Color

39.2126, 0.3786, 0.3160

Protanomaly

39.1901, 0.3362, 0.3224

Deuteranomaly

39.3055, 0.3564, 0.3304

Tritanomaly

39.2126, 0.3786, 0.3160

Monochromacy



Original Color

39.2126, 0.3786, 0.3160

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.9316, 0.3349, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2126, 0.3786, 0.3160 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(222, 148, 159)` looks like.

```
.text, #text, p{  
  color:rgb(222, 148, 159)  
}
```

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(222, 148, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 148, 159) }
```

Border

The CSS property to change the border of an element to Yxy 39.2126, 0.3786, 0.3160 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(222, 148, 159) }
```

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

```
.border{ border-color:rgb(222, 148, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 148, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 148, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 148, 159);  
box-shadow:4px 4px 4px 4px rgb(222, 148,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2126, 0.3786, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 148, 159) }
```

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

```
.background{ background-color: rgb(222,  
148, 159) }
```

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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