

Converting Colors

$Y_{xy}(39.7158, 0.3675, 0.3041)$

Have a look what the booklet for
Yxy(39.7158, 0.3675, 0.3041)
contains.

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Color

Yxy(39.5740, 0.3680, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	DE94A9
RGB	222, 148, 169
RGB Percent	87%, 58%, 66%
CMY	0.1294, 0.4196, 0.3373
CMYK	0.00, 0.33, 0.24, 0.13
HSL	343°, 53%, 73%
HSV	343°, 33%, 87%
XYZ	47.8739, 39.5740, 42.6442
YIQ	172.5200, 37.3630, 22.2190

Conversions

Conversions Part 2

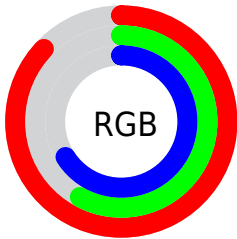
Format	Color
R _{YB}	222, 148, 169
Decimal	14587049
CIE Lab	69.17, 30.73, 0.51
CIE LCh	69, 30.737, 0.946
Yxy	39.5740, 0.3680, 0.3042
Android (android.graphics.Color)	4292777129 (0xFFDE94A9)
YUV	172.5200, -1.7354, 43.3940
Hunter-Lab	62.9079, 25.7525, 3.8438

Details

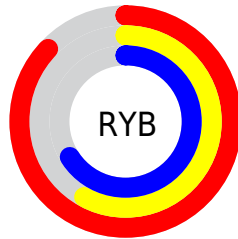
The Yxy color **39.5740, 0.3680, 0.3042** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.7562, 0.2770, 0.3557**, and the grayscale version is **41.5278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3537, 0.3375, 0.3078**, and **17.6494, 0.3845, 0.2962** is the 20% darker color. If you saturate the color by 10%, you get **32.7047, 0.3930, 0.2967**, and if you desaturate by 10%, it is **47.8552, 0.3473, 0.3120**.

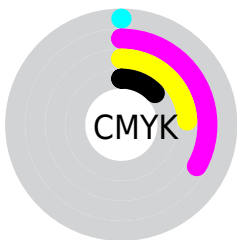
Distribution



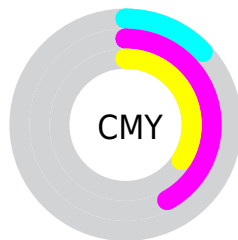
- Red (87%)
- Green (58%)
- Blue (66%)



- Red (87%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (33%)
- Yellow (24%)
- Black (13%)





- Cyan (13%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5740, 0.3680, 0.3042 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 39.5740, 0.3680, 0.3042 by changing the saturation by 10% instead.


 39.5740, 0.3680,
0.3042


 39.5740, 0.3680,
0.3042


344.3248, 0.3396,
0.3170

 27.2066, 0.3753,
0.3009


 74.5144, 0.3575,
0.3089

 17.7284, 0.3849,
0.2966


 97.8561, 0.3536,
0.3107

 10.7552, 0.3979,
0.2907


125.6247, 0.3503,
0.3122

 5.9025, 0.4164,
0.2822

158.2046, 0.3476,
0.3134

 2.7859, 0.4451,
0.2691

195.9801, 0.3452,
0.3145

 1.0210, 0.4948,
0.2463

239.3358, 0.3431,

 0.0000, 1.0000,

0.3154

0.0000

288.6558, 0.3412,
0.3163

0.0000, 0.0000,
0.0000

39.5740, 0.3680,
0.3042

39.5740, 0.3680,
0.3042

32.7047, 0.3930,
0.2967

47.8552, 0.3473,
0.3120

27.1626, 0.4226,
0.2901

57.6156, 0.3304,
0.3195

22.8622, 0.4566,
0.2855

68.9251, 0.3167,
0.3267

19.7062, 0.4935,
0.2838

81.8473, 0.3055,
0.3334

17.5820, 0.5309,
0.2863

93.8586, 0.2964,
0.3355

■ 16.3540, 0.5651,
0.2933

■ 94.2693, 0.2929,
0.3289

■ 15.8875, 0.5849,
0.2996

Harmonies

Analogous

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



39.5740, 0.3236, 0.2754



39.5740, 0.3680, 0.3042



39.5740, 0.3975, 0.3397

Triad

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



39.5740, 0.3680, 0.3042



39.5740, 0.3422, 0.4108



39.5740, 0.2304, 0.2746

Complementary

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



39.5740, 0.3680, 0.3042



62.7562, 0.2770, 0.3557

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.



39.5740, 0.2346, 0.3087



39.5740, 0.3680, 0.3042



39.5740, 0.2972, 0.3928

Square

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



39.5740, 0.3680, 0.3042



39.5740, 0.3809, 0.4024



39.5740, 0.2582, 0.3532



39.5740, 0.2460, 0.2577

Rectangle

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



39.5740, 0.3680, 0.3042



39.5740, 0.4035, 0.3638



39.5740, 0.2582, 0.3532



39.5740, 0.2296, 0.2842

Sweetspot

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



39.5759, 0.3680, 0.3042



83.6744, 0.3257, 0.3219



38.7084, 0.2965, 0.2414



17.4566, 0.3277, 0.3209



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.



39.5759, 0.3680, 0.3042



47.4165, 0.3850, 0.2989



43.7934, 0.3844, 0.3469



13.7641, 0.3248, 0.3224



9.4536, 0.5811, 0.2975



0.6704, 0.5369, 0.2732

Inverse Universe

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



39.5759, 0.3680, 0.3042



47.4165, 0.3850, 0.2989



56.2932, 0.2631, 0.3101



13.7641, 0.3248, 0.3224



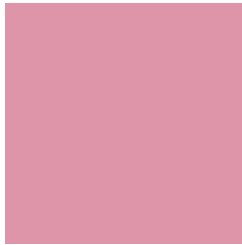
9.4536, 0.5811, 0.2975



0.6704, 0.5369, 0.2732

Previews

White Background



This preview shows how the Yxy color 39.5740, 0.3680, 0.3042 looks on a white background.

Color Contrast Check

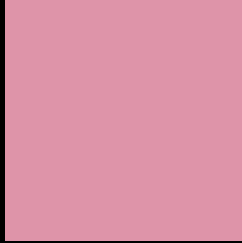
Large Text (above 18pt) WCAG AA × Fail

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 39.5740, 0.3680, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

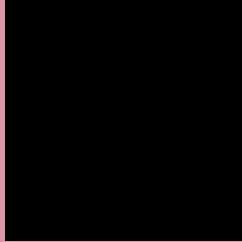
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5740, 0.3680, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 39.5740, 0.3680, 0.3042.



This preview shows how white text looks on a background with the Yxy color 39.5740, 0.3680, 0.3042.

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

39.5740, 0.3680, 0.3042

Protanopia

39.7765, 0.3028, 0.3112

Deuteranopia

39.8689, 0.3328, 0.3264



Tritanopia

39.4403, 0.3751, 0.3148

Trichromacy



Original Color

39.5740, 0.3680, 0.3042

Protanomaly

39.3554, 0.3241, 0.3080

Deuteranomaly

39.5231, 0.3457, 0.3175

Tritanomaly

39.5474, 0.3720, 0.3112

Monochromacy



Original Color

39.5740, 0.3680, 0.3042

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.6058, 0.3312, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5740, 0.3680, 0.3042 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(222, 148, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 148, 169) }
```

Border

The CSS property to change the border of an element to Yxy 39.5740, 0.3680, 0.3042 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, 169) }
```

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

```
.border{ border-color:rgb(222, 148, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 148, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 148, 169);  
box-shadow:4px 4px 4px 4px rgb(222, 148,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5740, 0.3680, 0.3042 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, 169) }
```

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

```
.background{ background-color: rgb(222,  
148, 169) }
```

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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