

Converting Colors

$Y_{xy}(39.1952, 0.3562, 0.3053)$

Have a look what the booklet for
Yxy(39.1952, 0.3562, 0.3053)
contains.

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Color

Yxy(39.2196, 0.3562, 0.3046)

Conversions

Conversions Part 1

Format	Color
Hex	D597AB
RGB	213, 151, 171
RGB Percent	84%, 59%, 67%
CMY	0.1646, 0.4079, 0.3295
CMYK	0.00, 0.29, 0.20, 0.16
HSL	341°, 42%, 71%
HSV	341°, 29%, 84%
XYZ	45.8635, 39.2196, 43.6746
YIQ	171.8180, 30.5320, 19.3640

Conversions

Conversions Part 2

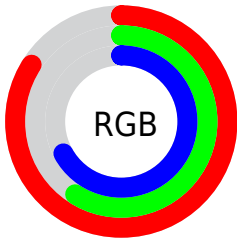
Format	Color
R _Y B	213, 151, 171
Decimal	13997995
CIE Lab	68.91, 26.18, -1.10
CIE LCh	69, 26.206, 357.591
Yxy	39.2196, 0.3562, 0.3046
Android (android.graphics.Color)	4292188075 (0xFFD597AB)
YUV	171.8180, -0.4033, 36.1166
Hunter-Lab	62.6256, 21.1288, 2.4895

Details

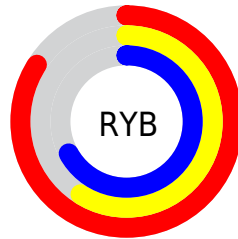
The Yxy color **39.2196, 0.3562, 0.3046** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.0346, 0.2826, 0.3550**, and the grayscale version is **41.1498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8936, 0.3357, 0.3089**, and **17.4237, 0.3690, 0.2964** is the 20% darker color. If you saturate the color by 10%, you get **32.4526, 0.3779, 0.2959**, and if you desaturate by 10%, it is **47.2893, 0.3383, 0.3133**.

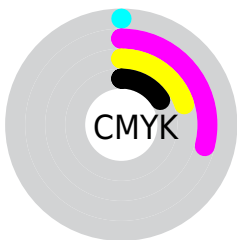
Distribution



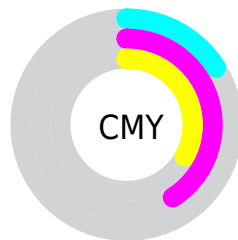
- Red (84%)
- Green (59%)
- Blue (67%)



- Red (84%)
- Yellow (59%)
- Blue (67%)



- Cyan (0%)
- Magenta (29%)
- Yellow (20%)
- Black (16%)





- Cyan (16%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2196, 0.3562, 0.3046 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 39.2196, 0.3562, 0.3046 by changing the saturation by 10% instead.


 39.2196, 0.3562,
0.3046


 39.2196, 0.3562,
0.3046


342.8232, 0.3339,
0.3171

 26.9306, 0.3620,
0.3014


 73.9737, 0.3479,
0.3092

 17.5211, 0.3695,
0.2972


 97.2075, 0.3449,
0.3109

 10.6067, 0.3797,
0.2916


124.8585, 0.3423,
0.3123

 5.8031, 0.3943,
0.2836

157.3109, 0.3401,
0.3136

 2.7257, 0.4171,
0.2712

194.9492, 0.3382,
0.3146

 0.9903, 0.4568,
0.2498

238.1578, 0.3366,

 0.0000, 1.0000,

0.3155

0.0000

287.3210, 0.3352,
0.3164

0.0000, 0.0000,
0.0000

39.2196, 0.3562,
0.3046

39.2196, 0.3562,
0.3046

32.4526, 0.3779,
0.2959

47.2893, 0.3383,
0.3133

26.9140, 0.4037,
0.2879

56.7197, 0.3237,
0.3218

22.5307, 0.4337,
0.2813

67.5720, 0.3118,
0.3297

19.2193, 0.4673,
0.2774

79.9022, 0.3020,
0.3370

16.8850, 0.5027,
0.2773

92.1523, 0.2940,
0.3412

■ 15.4164, 0.5372,
0.2819

■ 92.8908, 0.2877,
0.3289

■ 14.6327, 0.5680,
0.2909

■ 14.5763, 0.5705,
0.2917

Harmonies

Analogous

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



39.2196, 0.3178, 0.2804



39.2196, 0.3562, 0.3046



39.2196, 0.3832, 0.3352

Triad

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



39.2196, 0.3562, 0.3046



39.2196, 0.3426, 0.3988



39.2196, 0.2411, 0.2852

Complementary

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



39.2196, 0.3562, 0.3046



58.0346, 0.2826, 0.3550

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.



39.2196, 0.2468, 0.3161



39.2196, 0.3562, 0.3046



39.2196, 0.3040, 0.3857

Square

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



39.2196, 0.3562, 0.3046



39.2196, 0.3744, 0.3903



39.2196, 0.2693, 0.3540



39.2196, 0.2528, 0.2684

Rectangle

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



39.2196, 0.3562, 0.3046



39.2196, 0.3901, 0.3563



39.2196, 0.2693, 0.3540



39.2196, 0.2410, 0.2942

Sweetspot

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



39.2214, 0.3562, 0.3046



85.2598, 0.3237, 0.3218



38.1889, 0.2973, 0.2528



17.7749, 0.3256, 0.3206



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.



39.2214, 0.3562, 0.3046



52.3599, 0.3692, 0.2991



41.9909, 0.3733, 0.3420



12.4861, 0.3241, 0.3215



8.9176, 0.5668, 0.2896



0.5528, 0.5175, 0.2624

Inverse Universe

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



39.2214, 0.3562, 0.3046



52.3599, 0.3692, 0.2991



53.9505, 0.2694, 0.3156



12.4861, 0.3241, 0.3215



8.9176, 0.5668, 0.2896



0.5528, 0.5175, 0.2624

Previews

White Background



This preview shows how the Yxy color 39.2196, 0.3562, 0.3046 looks on a white background.

Color Contrast Check

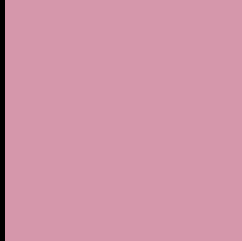
Large Text (above 18pt) WCAG AA × Fail

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 39.2196, 0.3562, 0.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

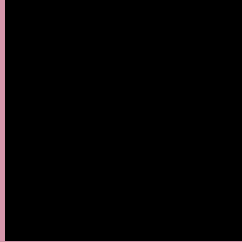
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2196, 0.3562, 0.3046

Background



This preview shows how black text looks on a background with the Yxy color 39.2196, 0.3562, 0.3046.



This preview shows how white text looks on a background with the Yxy color 39.2196, 0.3562, 0.3046.

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

39.2196, 0.3562, 0.3046

Protanopia

39.2985, 0.3019, 0.3097

Deuteranopia

39.2493, 0.3273, 0.3210



Tritanopia

39.1339, 0.3621, 0.3143

Trichromacy



Original Color

39.2196, 0.3562, 0.3046

Protanomaly

38.8544, 0.3203, 0.3077

Deuteranomaly

39.3007, 0.3377, 0.3148

Tritanomaly

39.2435, 0.3590, 0.3106

Monochromacy



Original Color

39.2196, 0.3562, 0.3046

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.0943, 0.3274, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2196, 0.3562, 0.3046 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(213, 151, 171)` looks like.

```
.text, #text, p{  
    color:rgb(213, 151, 171)  
}
```

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(213, 151, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 151, 171) }
```

Border

The CSS property to change the border of an element to Yxy 39.2196, 0.3562, 0.3046 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(213, 151, 171) }
```

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

```
.border{ border-color:rgb(213, 151, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 151, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 151, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 151, 171);  
box-shadow:4px 4px 4px 4px rgb(213, 151,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2196, 0.3562, 0.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 151, 171) }
```

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

```
.background{ background-color: rgb(213,  
151, 171) }
```

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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