

Converting Colors

$Yxy(39.3957, 0.3575, 0.3063)$

Have a look what the booklet for
Yxy(39.3957, 0.3575, 0.3063)
contains.

Yxy(39.1816, 0.3572, 0.3058)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.1816, 0.3572, 0.3058)

Conversions

Conversions Part 1

Format	Color
Hex	D597AA
RGB	213, 151, 170
RGB Percent	84%, 59%, 67%
CMY	0.1646, 0.4079, 0.3333
CMYK	0.00, 0.29, 0.20, 0.16
HSL	342°, 42%, 71%
HSV	342°, 29%, 84%
XYZ	45.7674, 39.1816, 43.1792
YIQ	171.7040, 30.8530, 19.0530

Conversions

Conversions Part 2

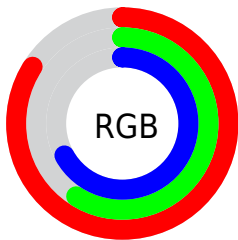
Format	Color
R _{YB}	213, 151, 170
Decimal	13997994
CIE Lab	68.88, 26.03, -0.59
CIE LCh	69, 26.034, 358.704
Yxy	39.1816, 0.3572, 0.3058
Android (android.graphics.Color)	4292188074 (0xFFD597AA)
YUV	171.7040, -0.8401, 36.2166
Hunter-Lab	62.5952, 20.9712, 2.9174

Details

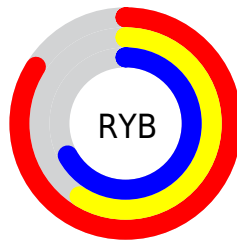
The Yxy color **39.1816, 0.3572, 0.3058** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.0747, 0.2820, 0.3537**, and the grayscale version is **41.0915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8389, 0.3364, 0.3099**, and **17.3998, 0.3705, 0.2980** is the 20% darker color. If you saturate the color by 10%, you get **32.4072, 0.3794, 0.2975**, and if you desaturate by 10%, it is **47.2612, 0.3389, 0.3141**.

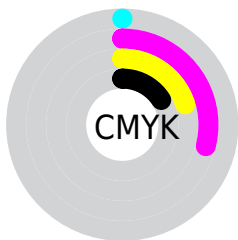
Distribution



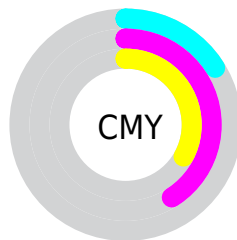
- Red (84%)
- Green (59%)
- Blue (67%)



- 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 39.1816, 0.3572, 0.3058 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 39.1816, 0.3572, 0.3058 by changing the saturation by 10% instead.


 39.1816, 0.3572,
0.3058


 39.1816, 0.3572,
0.3058


342.6620, 0.3343,
0.3177

 26.9010, 0.3631,
0.3027


 73.9157, 0.3487,
0.3102

 17.4989, 0.3708,
0.2987


 97.1379, 0.3456,
0.3118

 10.5908, 0.3813,
0.2933


124.7762, 0.3430,
0.3132

 5.7924, 0.3964,
0.2856

157.2150, 0.3407,
0.3144

 2.7193, 0.4198,
0.2736

194.8385, 0.3388,
0.3154

 0.9870, 0.4608,
0.2526

238.0313, 0.3371,


 0.0000, 1.0000,


0.3162

0.0000

287.1776, 0.3356,
0.3170


 0.0000, 0.0000,
0.0000


 39.1816, 0.3572,
0.3058


 39.1816, 0.3572,
0.3058

 32.4072, 0.3794,
0.2975


 47.2612, 0.3389,
0.3141


 26.8639, 0.4059,
0.2899


 56.7043, 0.3239,
0.3221


 22.4781, 0.4368,
0.2837

 67.5723, 0.3117,
0.3296

 19.1664, 0.4713,
0.2801

 79.9210, 0.3018,
0.3366

 16.8338, 0.5076,
0.2803

 92.1938, 0.2936,
0.3404

■ 15.3688, 0.5428,
0.2851

■ 92.8895, 0.2877,
0.3289

■ 14.5904, 0.5738,
0.2941

■ 14.5342, 0.5763,
0.2949

Harmonies

Analogous

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



39.1816, 0.3192, 0.2814



39.1816, 0.3572, 0.3058



39.1816, 0.3834, 0.3364

Triad

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



39.1816, 0.3572, 0.3058



39.1816, 0.3410, 0.3983



39.1816, 0.2416, 0.2846

Complementary

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



39.1816, 0.3572, 0.3058



58.0747, 0.2820, 0.3537

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.



39.1816, 0.2467, 0.3149



39.1816, 0.3572, 0.3058



39.1816, 0.3027, 0.3844

Square

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



39.1816, 0.3572, 0.3058



39.1816, 0.3730, 0.3906



39.1816, 0.2685, 0.3524



39.1816, 0.2539, 0.2685

Rectangle

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



39.1816, 0.3572, 0.3058



39.1816, 0.3897, 0.3573



39.1816, 0.2685, 0.3524



39.1816, 0.2413, 0.2933

Sweetspot

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



39.1834, 0.3572, 0.3058



85.2382, 0.3239, 0.3221



38.3245, 0.2982, 0.2530



17.7696, 0.3259, 0.3210



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.



39.1834, 0.3572, 0.3058



52.2960, 0.3706, 0.3006



42.3539, 0.3729, 0.3432



12.4828, 0.3243, 0.3219



8.8921, 0.5726, 0.2928



0.5510, 0.5229, 0.2654

Inverse Universe

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



39.1834, 0.3572, 0.3058



52.2960, 0.3706, 0.3006



53.4616, 0.2693, 0.3142



12.4828, 0.3243, 0.3219



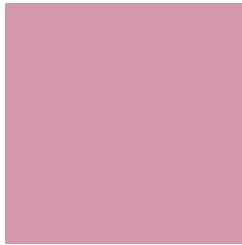
8.8921, 0.5726, 0.2928



0.5510, 0.5229, 0.2654

Previews

White Background



This preview shows how the Yxy color 39.1816, 0.3572, 0.3058 looks on a white background.

Color Contrast Check

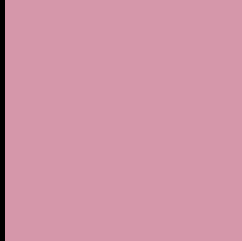
Large Text (above 18pt) WCAG AA × Fail

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 39.1816, 0.3572, 0.3058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

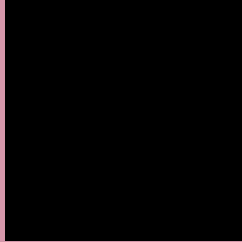
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1816, 0.3572, 0.3058

Background



This preview shows how black text looks on a background with the Yxy color 39.1816, 0.3572, 0.3058.



This preview shows how white text looks on a background with the Yxy color 39.1816, 0.3572, 0.3058.

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

39.1816, 0.3572, 0.3058

Protanopia

39.2576, 0.3027, 0.3111

Deuteranopia

39.3358, 0.3292, 0.3223



Tritanopia

39.1339, 0.3621, 0.3143

Trichromacy



Original Color

39.1816, 0.3572, 0.3058

Protanomaly

38.8147, 0.3212, 0.3090

Deuteranomaly

39.2629, 0.3386, 0.3161

Tritanomaly

39.2067, 0.3600, 0.3118

Monochromacy



Original Color

39.1816, 0.3572, 0.3058

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.0560, 0.3283, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1816, 0.3572, 0.3058 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(213, 151, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 151, 170) }
```

Border

The CSS property to change the border of an element to Yxy 39.1816, 0.3572, 0.3058 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, 170) }
```

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

```
.border{ border-color:rgb(213, 151, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 151, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 151, 170);  
box-shadow:4px 4px 4px 4px rgb(213, 151,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1816, 0.3572, 0.3058 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, 170) }
```

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

```
.background{ background-color: rgb(213,  
151, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor