

Converting Colors

$Yxy(35.9829, 0.3607, 0.3240)$

Have a look what the booklet for
Yxy(35.9829, 0.3607, 0.3240)
contains.

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Color

Yxy(35.9369, 0.3610, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	C79599
RGB	199, 149, 153
RGB Percent	78%, 58%, 60%
CMY	0.2195, 0.4157, 0.4000
CMYK	0.00, 0.25, 0.23, 0.22
HSL	355°, 31%, 68%
HSV	355°, 25%, 78%
XYZ	40.0532, 35.9369, 34.9605
YIQ	164.4060, 28.5160, 11.8440

Conversions

Conversions Part 2

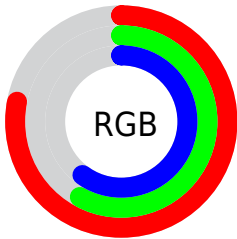
Format	Color
R_{YB}	199, 149, 153
Decimal	13079961
CIE _{Lab}	66.47, 19.38, 5.24
CIE _{LCh}	66, 20.075, 15.131
Yxy	35.9369, 0.3610, 0.3239
Android (android.graphics.Color)	4291270041 (0xFFC79599)
YUV	164.4060, -5.6232, 30.3389
Hunter-Lab	59.9474, 14.3548, 7.3860

Details

The Yxy color **35.9369, 0.3610, 0.3239** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.1846, 0.2787, 0.3343**, and the grayscale version is **37.3462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4769, 0.3506, 0.3250**, and **15.6240, 0.3765, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **29.6108, 0.3887, 0.3218**, and if you desaturate by 10%, it is **43.4351, 0.3386, 0.3260**.

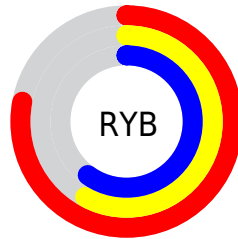
Distribution



Red (78%)

Green (58%)

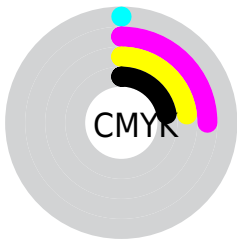
Blue (60%)



Red (78%)

Yellow (58%)

Blue (60%)

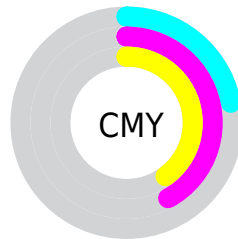


Cyan (0%)

Magenta (25%)

Yellow (23%)

Black (22%)



Cyan (22%)


Magenta (42%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9369, 0.3610, 0.3239 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 35.9369, 0.3610, 0.3239 by changing the saturation by 10% instead.


 35.9369, 0.3610,
0.3239


 35.9369, 0.3610,
0.3239


328.6847, 0.3356,
0.3269

 24.3855, 0.3677,
0.3230


 68.9347, 0.3515,
0.3251

 15.6198, 0.3767,
0.3217


 91.1498, 0.3480,
0.3255

 9.2555, 0.3890,
0.3198


117.6882, 0.3451,
0.3259

 4.9082, 0.4072,
0.3168

148.9345, 0.3426,
0.3261

 2.1935, 0.4365,
0.3112

185.2728, 0.3405,
0.3264

 0.7165, 0.5138,
0.3082


227.0877, 0.3387,


 0.0000, 1.0000,

0.3266


0.0000


274.7635, 0.3371,
0.3268


 0.0000, 0.0000,
0.0000


 35.9369, 0.3610,
0.3239


 35.9369, 0.3610,
0.3239


 29.6108, 0.3887,
0.3218


 43.4351, 0.3386,
0.3260


 24.3930, 0.4225,
0.3199

 52.1553, 0.3205,
0.3280


 20.2211, 0.4623,
0.3184

 62.1504, 0.3061,
0.3299

 17.0245, 0.5068,
0.3178

 73.4688, 0.2944,
0.3316

 14.7239, 0.5523,
0.3185

 86.1562, 0.2849,
0.3331

■ 13.2276, 0.5929,
0.3207

■ 90.8843, 0.2800,
0.3289

■ 12.4240, 0.6222,
0.3243

■ 12.1814, 0.6320,
0.3255

Harmonies

Analogous

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



35.9369, 0.3351, 0.3006



35.9369, 0.3610, 0.3239



35.9369, 0.3734, 0.3494

Triad

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



35.9369, 0.3610, 0.3239



35.9369, 0.3190, 0.3794



35.9369, 0.2593, 0.2851

Complementary

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



35.9369, 0.3610, 0.3239



51.1846, 0.2787, 0.3343

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.



35.9369, 0.2557, 0.3039



35.9369, 0.3610, 0.3239



35.9369, 0.2891, 0.3600

Square

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



35.9369, 0.3610, 0.3239



35.9369, 0.3482, 0.3831



35.9369, 0.2663, 0.3314



35.9369, 0.2766, 0.2785

Rectangle

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



35.9369, 0.3610, 0.3239



35.9369, 0.3720, 0.3648



35.9369, 0.2663, 0.3314



35.9369, 0.2565, 0.2901

Sweetspot

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



35.9386, 0.3610, 0.3239



86.5174, 0.3255, 0.3274



37.2006, 0.3117, 0.2664



18.0106, 0.3282, 0.3271



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.



35.9386, 0.3610, 0.3239



56.7867, 0.3750, 0.3228



43.0034, 0.3587, 0.3560



10.6505, 0.3277, 0.3272



7.8368, 0.6302, 0.3245



0.3759, 0.5984, 0.3070

Inverse Universe

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



35.9386, 0.3610, 0.3239



56.7867, 0.3750, 0.3228



42.4243, 0.2736, 0.3003



10.6505, 0.3277, 0.3272



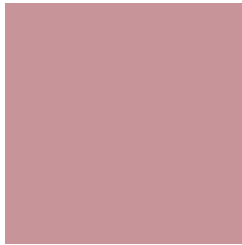
7.8368, 0.6302, 0.3245



0.3759, 0.5984, 0.3070

Previews

White Background



This preview shows how the Yxy color 35.9369, 0.3610, 0.3239 looks on a white background.

Color Contrast Check

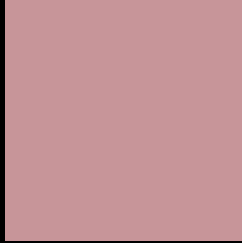
Large Text (above 18pt) WCAG AA × Fail

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 35.9369, 0.3610, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

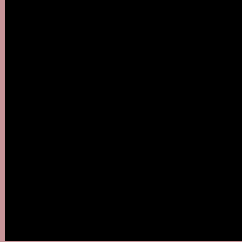
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9369, 0.3610, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 35.9369, 0.3610, 0.3239.



This preview shows how white text looks on a background with the Yxy color 35.9369, 0.3610, 0.3239.

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

35.9369, 0.3610, 0.3239

Protanopia

36.0271, 0.3174, 0.3305

Deuteranopia

35.8677, 0.3416, 0.3347



Tritanopia

35.9624, 0.3560, 0.3148

Trichromacy



Original Color

35.9369, 0.3610, 0.3239

Protanomaly

35.8954, 0.3325, 0.3291

Deuteranomaly

35.7408, 0.3495, 0.3305

Tritanomaly

35.8935, 0.3581, 0.3174

Monochromacy



Original Color

35.9369, 0.3610, 0.3239

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.6815, 0.3294, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9369, 0.3610, 0.3239 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(199, 149, 153)` looks like.

```
.text, #text, p{  
    color:rgb(199, 149, 153)  
}
```

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(199, 149, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 149, 153) }
```

Border

The CSS property to change the border of an element to Yxy 35.9369, 0.3610, 0.3239 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(199, 149, 153) }
```

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

```
.border{ border-color:rgb(199, 149, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 149, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 149, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 149, 153);  
box-shadow:4px 4px 4px 4px rgb(199, 149,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9369, 0.3610, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 149, 153) }
```

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

```
.background{ background-color: rgb(199,  
149, 153) }
```

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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