

Converting Colors

$Yxy(37.1899, 0.3599, 0.3139)$

Have a look what the booklet for
Yxy(37.1899, 0.3599, 0.3139)
contains.

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Color

Yxy(37.1899, 0.3599, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	CE95A1
RGB	206, 149, 161
RGB Percent	81%, 58%, 63%
CMY	0.1920, 0.4157, 0.3686
CMYK	0.00, 0.28, 0.22, 0.19
HSL	347°, 37%, 70%
HSV	347°, 28%, 81%
XYZ	42.6398, 37.1899, 38.6472
YIQ	167.4110, 30.1200, 15.8160

Conversions

Conversions Part 2

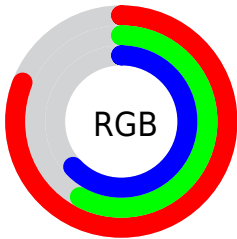
Format	Color
R_{YB}	206, 149, 161
Decimal	13538721
CIE _{Lab}	67.42, 23.20, 2.22
CIE _{LCh}	67, 23.302, 5.467
Yxy	37.1899, 0.3599, 0.3139
Android (android.graphics.Color)	4291728801 (0xFFCE95A1)
YUV	167.4110, -3.1606, 33.8426
Hunter-Lab	60.9835, 18.0865, 5.1145

Details

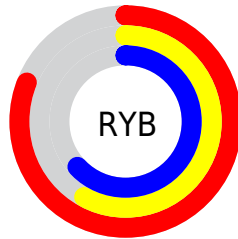
The Yxy color **37.1899, 0.3599, 0.3139** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.4421, 0.2800, 0.3448**, and the grayscale version is **38.8605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9297, 0.3436, 0.3158**, and **16.4405, 0.3745, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **30.7022, 0.3847, 0.3082**, and if you desaturate by 10%, it is **44.9089, 0.3396, 0.3196**.

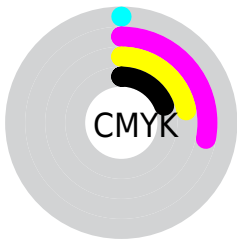
Distribution



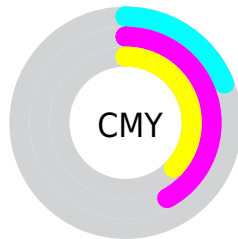
- Red (81%)
- Green (58%)
- Blue (63%)



- Red (81%)
- Yellow (58%)
- Blue (63%)



- Cyan (0%)
- Magenta (28%)
- Yellow (22%)
- Black (19%)





- Cyan (19%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1899, 0.3599, 0.3139 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 37.1899, 0.3599, 0.3139 by changing the saturation by 10% instead.


 37.1899, 0.3599,
0.3139


 37.1899, 0.3599,
0.3139


334.1320, 0.3353,
0.3219

 25.3546, 0.3664,
0.3117


 70.8648, 0.3507,
0.3169

 16.3414, 0.3749,
0.3089


 93.4731, 0.3474,
0.3180

 9.7661, 0.3865,
0.3049


120.4411, 0.3445,
0.3189

 5.2441, 0.4035,
0.2990

152.1534, 0.3422,
0.3197

 2.3912, 0.4305,
0.2894

188.9942, 0.3401,
0.3204

 0.8214, 0.4825,
0.2724

231.3480, 0.3383,

 0.0000, 1.0000,

0.3210

0.0000

279.5991, 0.3367,
0.3215

0.0000, 0.0000,
0.0000

37.1899, 0.3599,
0.3139

37.1899, 0.3599,
0.3139

30.7022, 0.3847,
0.3082

44.9089, 0.3396,
0.3196

25.3769, 0.4146,
0.3030

53.9129, 0.3232,
0.3251

21.1464, 0.4497,
0.2989

64.2590, 0.3099,
0.3301

17.9339, 0.4890,
0.2967

75.9990, 0.2991,
0.3348

15.6525, 0.5299,
0.2976

89.1821, 0.2903,
0.3391

■ 14.2008, 0.5684,
0.3020

■ 91.8661, 0.2838,
0.3289

■ 13.4360, 0.5999,
0.3097

■ 13.3032, 0.6062,
0.3113

Harmonies

Analogous

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



37.1899, 0.3269, 0.2897



37.1899, 0.3599, 0.3139



37.1899, 0.3800, 0.3426

Triad

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



37.1899, 0.3599, 0.3139



37.1899, 0.3310, 0.3907



37.1899, 0.2488, 0.2840

Complementary

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



37.1899, 0.3599, 0.3139



54.4421, 0.2800, 0.3448

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.



37.1899, 0.2498, 0.3093



37.1899, 0.3599, 0.3139



37.1899, 0.2960, 0.3737

Square

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



37.1899, 0.3599, 0.3139



37.1899, 0.3623, 0.3883



37.1899, 0.2667, 0.3427



37.1899, 0.2636, 0.2722

Rectangle

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



37.1899, 0.3599, 0.3139



37.1899, 0.3827, 0.3613



37.1899, 0.2667, 0.3427



37.1899, 0.2473, 0.2911

Sweetspot

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



37.1916, 0.3599, 0.3139



86.6736, 0.3238, 0.3248



37.3761, 0.3044, 0.2582



18.0496, 0.3261, 0.3240



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.



37.1916, 0.3599, 0.3139



53.9842, 0.3735, 0.3106



42.2613, 0.3671, 0.3496



11.2517, 0.3257, 0.3241



8.2007, 0.6029, 0.3095



0.4345, 0.5476, 0.2790

Inverse Universe

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



37.1916, 0.3599, 0.3139



53.9842, 0.3735, 0.3106



47.6168, 0.2706, 0.3073



11.2517, 0.3257, 0.3241



8.2007, 0.6029, 0.3095



0.4345, 0.5476, 0.2790

Previews

White Background



This preview shows how the Yxy color 37.1899, 0.3599, 0.3139 looks on a white background.

Color Contrast Check

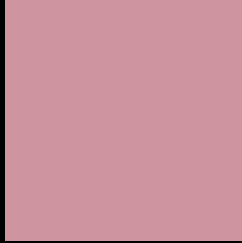
Large Text (above 18pt) WCAG AA × Fail

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 37.1899, 0.3599, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

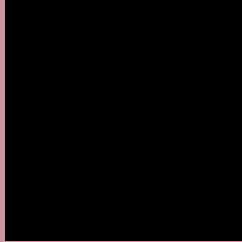
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1899, 0.3599, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 37.1899, 0.3599, 0.3139.



This preview shows how white text looks on a background with the Yxy color 37.1899, 0.3599, 0.3139.

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

37.1899, 0.3599, 0.3139

Protanopia

37.5225, 0.3103, 0.3219

Deuteranopia

37.2446, 0.3353, 0.3291



Tritanopia

37.1899, 0.3599, 0.3139

Trichromacy



Original Color

37.1899, 0.3599, 0.3139

Protanomaly

37.3732, 0.3277, 0.3195

Deuteranomaly

37.0571, 0.3441, 0.3224

Tritanomaly

37.1899, 0.3599, 0.3139

Monochromacy



Original Color

37.1899, 0.3599, 0.3139

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.6820, 0.3285, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1899, 0.3599, 0.3139 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(206, 149, 161)` looks like.

```
.text, #text, p{  
    color:rgb(206, 149, 161)  
}
```

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(206, 149, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 149, 161) }
```

Border

The CSS property to change the border of an element to Yxy 37.1899, 0.3599, 0.3139 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(206, 149, 161) }
```

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

```
.border{ border-color:rgb(206, 149, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 149, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 149, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 149, 161);  
box-shadow:4px 4px 4px 4px rgb(206, 149,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1899, 0.3599, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 149, 161) }
```

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

```
.background{ background-color: rgb(206,  
149, 161) }
```

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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