

Converting Colors

Yxy(35.2161, 0.3582, 0.3166)

Have a look what the booklet for
Yxy(35.2161, 0.3582, 0.3166)
contains.

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Color

Yxy(35.1002, 0.3587, 0.3160)

Conversions

Conversions Part 1

Format	Color
Hex	C7929C
RGB	199, 146, 156
RGB Percent	78%, 57%, 61%
CMY	0.2194, 0.4275, 0.3882
CMYK	0.00, 0.27, 0.22, 0.22
HSL	349°, 32%, 68%
HSV	349°, 27%, 78%
XYZ	39.8432, 35.1002, 36.1332
YIQ	162.9870, 28.3780, 14.3460

Conversions

Conversions Part 2

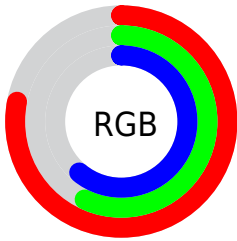
Format	Color
R _Y B	199, 146, 156
Decimal	13079196
CIE Lab	65.83, 21.50, 2.61
CIE LCh	66, 21.661, 6.930
Yxy	35.1002, 0.3587, 0.3160
Android (android.graphics.Color)	4291269276 (0xFFC7929C)
YUV	162.9870, -3.4446, 31.5834
Hunter-Lab	59.2454, 16.3636, 5.3114

Details

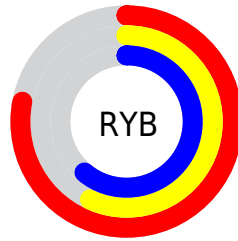
The Yxy color **35.1002, 0.3587, 0.3160** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.6534, 0.2805, 0.3426**, and the grayscale version is **36.6280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2217, 0.3488, 0.3189**, and **15.1336, 0.3733, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **28.9799, 0.3837, 0.3109**, and if you desaturate by 10%, it is **42.3647, 0.3384, 0.3211**.

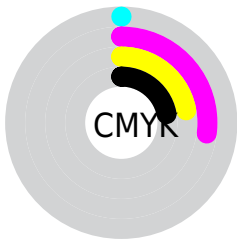
Distribution



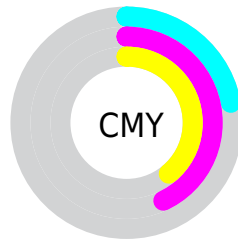
- Red (78%)
- Green (57%)
- Blue (61%)



- Red (78%)
- Yellow (57%)
- Blue (61%)



- Cyan (0%)
- Magenta (27%)
- Yellow (22%)
- Black (22%)





- Cyan (22%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1002, 0.3587, 0.3160 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 35.1002, 0.3587, 0.3160 by changing the saturation by 10% instead.

 35.1002, 0.3587,
0.3160

 35.1002, 0.3587,
0.3160


325.0104, 0.3345,
0.3230

 23.7401, 0.3651,
0.3141


 67.6410, 0.3496,
0.3187

 15.1409, 0.3737,
0.3115


 89.5904, 0.3463,
0.3196

 8.9183, 0.3855,
0.3079


115.8384, 0.3435,
0.3204

 4.6880, 0.4030,
0.3024

146.7693, 0.3412,
0.3211

 2.0654, 0.4312,
0.2931

182.7676, 0.3392,
0.3217

 0.6450, 0.5020,
0.2758

224.2176, 0.3374,

 0.0000, 1.0000,

0.3222

0.0000

271.5037, 0.3359,
0.3226

0.0000, 0.0000,
0.0000

35.1002, 0.3587,
0.3160

35.1002, 0.3587,
0.3160

28.9799, 0.3837,
0.3109

42.3647, 0.3384,
0.3211

23.9408, 0.4138,
0.3062

50.8227, 0.3219,
0.3259

19.9211, 0.4493,
0.3024

60.5263, 0.3086,
0.3305

16.8508, 0.4892,
0.3004

71.5233, 0.2978,
0.3346

14.6509, 0.5310,
0.3010

83.8588, 0.2890,
0.3384

■ 13.2297, 0.5703,
0.3050

■ 90.7521, 0.2811,
0.3311

■ 12.4676, 0.6024,
0.3119

■ 90.8888, 0.2800,
0.3289

■ 12.2863, 0.6114,
0.3141

Harmonies

Analogous

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



35.1002, 0.3279, 0.2925



35.1002, 0.3587, 0.3160



35.1002, 0.3769, 0.3434

Triad

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



35.1002, 0.3587, 0.3160



35.1002, 0.3286, 0.3870



35.1002, 0.2523, 0.2856

Complementary

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



35.1002, 0.3587, 0.3160



50.6534, 0.2805, 0.3426

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.



35.1002, 0.2525, 0.3090



35.1002, 0.3587, 0.3160



35.1002, 0.2954, 0.3701

Square

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



35.1002, 0.3587, 0.3160



35.1002, 0.3585, 0.3857



35.1002, 0.2679, 0.3404



35.1002, 0.2671, 0.2749

Rectangle

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



35.1002, 0.3587, 0.3160



35.1002, 0.3789, 0.3611



35.1002, 0.2679, 0.3404



35.1002, 0.2506, 0.2921

Sweetspot

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



35.1018, 0.3587, 0.3160



86.6478, 0.3241, 0.3253



35.4248, 0.3056, 0.2613



18.0432, 0.3264, 0.3245



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.



35.1018, 0.3587, 0.3160



54.9673, 0.3726, 0.3130



40.0297, 0.3641, 0.3499



10.6692, 0.3260, 0.3247



7.9058, 0.6084, 0.3125



0.3845, 0.5517, 0.2813

Inverse Universe

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



35.1018, 0.3587, 0.3160



54.9673, 0.3726, 0.3130



44.1552, 0.2721, 0.3071



10.6692, 0.3260, 0.3247



7.9058, 0.6084, 0.3125



0.3845, 0.5517, 0.2813

Previews

White Background



This preview shows how the Yxy color 35.1002, 0.3587, 0.3160 looks on a white background.

Color Contrast Check

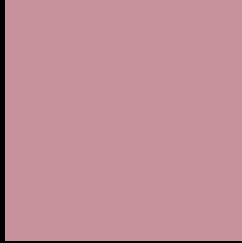
Large Text (above 18pt) WCAG AA × Fail

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 35.1002, 0.3587, 0.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

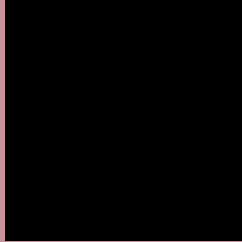
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1002, 0.3587, 0.3160

Background



This preview shows how black text looks on a background with the Yxy color 35.1002, 0.3587, 0.3160.



This preview shows how white text looks on a background with the Yxy color 35.1002, 0.3587, 0.3160.

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

35.1002, 0.3587, 0.3160

Protanopia

35.1580, 0.3111, 0.3217

Deuteranopia

35.2408, 0.3368, 0.3305



Tritanopia

35.1342, 0.3576, 0.3147

Trichromacy



Original Color

35.1002, 0.3587, 0.3160

Protanomaly

34.7984, 0.3272, 0.3192

Deuteranomaly

35.2621, 0.3446, 0.3250

Tritanomaly

35.1342, 0.3576, 0.3147

Monochromacy



Original Color

35.1002, 0.3587, 0.3160

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.8821, 0.3287, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1002, 0.3587, 0.3160 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, 146, 156)` looks like.

```
.text, #text, p{  
    color:rgb(199, 146, 156)  
}
```

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, 146, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 146, 156) }
```

Border

The CSS property to change the border of an element to Yxy 35.1002, 0.3587, 0.3160 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, 146, 156) }
```

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

```
.border{ border-color:rgb(199, 146, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 146, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 146, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 146, 156);  
box-shadow:4px 4px 4px 4px rgb(199, 146,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1002, 0.3587, 0.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 146, 156) }
```

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

```
.background{ background-color: rgb(199,  
146, 156) }
```

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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