

Converting Colors

$Yxy(39.4855, 0.3371, 0.3005)$

Have a look what the booklet for
Yxy(39.4855, 0.3371, 0.3005)
contains.

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Color

Yxy(39.5478, 0.3374, 0.3013)

Conversions

Conversions Part 1

Format	Color
Hex	CA9CB2
RGB	202, 156, 178
RGB Percent	79%, 61%, 70%
CMY	0.2078, 0.3883, 0.3019
CMYK	0.00, 0.23, 0.12, 0.21
HSL	331°, 30%, 70%
HSV	331°, 23%, 79%
XYZ	44.2862, 39.5478, 47.4232
YIQ	172.2620, 20.3540, 16.5940

Conversions

Conversions Part 2

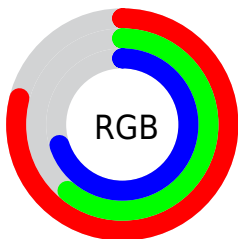
Format	Color
R _Y B	202, 156, 178
Decimal	13278386
CIE Lab	69.15, 20.62, -4.80
CIE LCh	69, 21.168, 346.897
Yxy	39.5478, 0.3374, 0.3013
Android (android.graphics.Color)	4291468466 (0xFFCA9CB2)
YUV	172.2620, 2.8288, 26.0802
Hunter-Lab	62.8870, 15.6506, -0.6898

Details

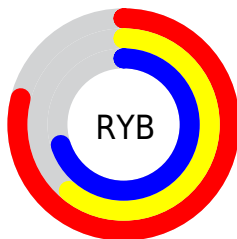
The Yxy color **39.5478, 0.3374, 0.3013** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.6140, 0.2935, 0.3585**, and the grayscale version is **41.3739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7890, 0.3293, 0.3061**, and **17.5843, 0.3449, 0.2932** is the 20% darker color. If you saturate the color by 10%, you get **32.9170, 0.3519, 0.2885**, and if you desaturate by 10%, it is **47.3422, 0.3253, 0.3138**.

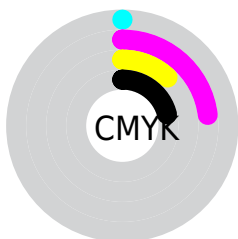
Distribution



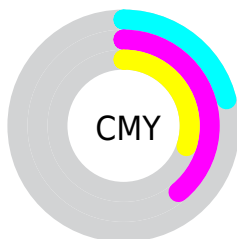
- Red (79%)
- Green (61%)
- Blue (70%)



- Red (79%)
- Yellow (61%)
- Blue (70%)



- Cyan (0%)
- Magenta (23%)
- Yellow (12%)
- Black (21%)





- Cyan (21%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5478, 0.3374, 0.3013 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 39.5478, 0.3374, 0.3013 by changing the saturation by 10% instead.


 39.5478, 0.3374,
0.3013


 39.5478, 0.3374,
0.3013


344.2139, 0.3249,
0.3153

 27.1861, 0.3406,
0.2978


 74.4744, 0.3328,
0.3064

 17.7131, 0.3447,
0.2933


 97.8082, 0.3311,
0.3083

 10.7442, 0.3503,
0.2872


125.5681, 0.3296,
0.3099

 5.8951, 0.3583,
0.2787

158.1386, 0.3284,
0.3113

 2.7814, 0.3704,
0.2658

195.9040, 0.3273,
0.3125

 1.0187, 0.3914,
0.2442

239.2488, 0.3264,

 0.0000, 0.6400,

0.3135

0.0000

288.5573, 0.3256,
0.3144

0.0000, 0.0000,
0.0000

39.5478, 0.3374,
0.3013

39.5478, 0.3374,
0.3013

32.9170, 0.3519,
0.2885

47.3422, 0.3253,
0.3138

27.3882, 0.3692,
0.2759

56.3474, 0.3152,
0.3258

22.9017, 0.3892,
0.2644


66.6147, 0.3069,
0.3370

19.3904, 0.4119,
0.2550

78.1904, 0.3000,
0.3474

16.7791, 0.4368,
0.2489


89.8325, 0.2943,
0.3549

 14.9814, 0.4628,
0.2473

 90.4451, 0.2887,
0.3434

 13.8936, 0.4885,
0.2510

 91.0942, 0.2833,
0.3323

 13.4156, 0.5065,
0.2564

 91.2995, 0.2816,
0.3289

Harmonies

Analogous

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



39.5478, 0.3057, 0.2842



39.5478, 0.3374, 0.3013



39.5478, 0.3632, 0.3253

Triad

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



39.5478, 0.3374, 0.3013



39.5478, 0.3474, 0.3845



39.5478, 0.2543, 0.3019

Complementary

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



39.5478, 0.3374, 0.3013



52.6140, 0.2935, 0.3585

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.



39.5478, 0.2643, 0.3297



39.5478, 0.3374, 0.3013



39.5478, 0.3173, 0.3798

Square

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



39.5478, 0.3374, 0.3013



39.5478, 0.3688, 0.3732



39.5478, 0.2870, 0.3591



39.5478, 0.2589, 0.2834

Rectangle

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



39.5478, 0.3374, 0.3013



39.5478, 0.3729, 0.3427



39.5478, 0.2870, 0.3591



39.5478, 0.2561, 0.3104

Sweetspot

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



39.5496, 0.3374, 0.3013



88.5499, 0.3193, 0.3207



37.7170, 0.2951, 0.2693



18.7527, 0.3199, 0.3200



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.



39.5496, 0.3374, 0.3013



61.5598, 0.3438, 0.2954



38.9932, 0.3588, 0.3301



11.3016, 0.3216, 0.3180



8.6486, 0.5034, 0.2547



0.4615, 0.4584, 0.2299

Inverse Universe

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



39.5496, 0.3374, 0.3013



61.5598, 0.3438, 0.2954



53.2245, 0.2792, 0.3279



11.3016, 0.3216, 0.3180



8.6486, 0.5034, 0.2547



0.4615, 0.4584, 0.2299

Previews

White Background



This preview shows how the Yxy color 39.5478, 0.3374, 0.3013 looks on a white background.

Color Contrast Check

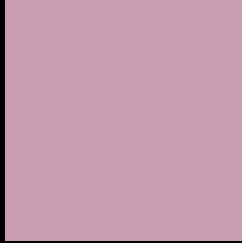
Large Text (above 18pt) WCAG AA × Fail

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 39.5478, 0.3374, 0.3013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

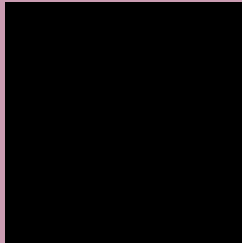
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5478, 0.3374, 0.3013

Background



This preview shows how black text looks on a background with the Yxy color 39.5478, 0.3374, 0.3013.



This preview shows how white text looks on a background with the Yxy color 39.5478, 0.3374, 0.3013.

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

39.5478, 0.3374, 0.3013

Protanopia

39.7235, 0.2978, 0.3057

Deuteranopia

39.6703, 0.3182, 0.3117



Tritanopia

39.4337, 0.3439, 0.3125

Trichromacy



Original Color

39.5478, 0.3374, 0.3013

Protanomaly

39.6316, 0.3120, 0.3050

Deuteranomaly

39.4829, 0.3251, 0.3081

Tritanomaly

39.5486, 0.3410, 0.3087

Monochromacy



Original Color

39.5478, 0.3374, 0.3013

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.3957, 0.3216, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5478, 0.3374, 0.3013 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(202, 156, 178)` looks like.

```
.text, #text, p{  
    color:rgb(202, 156, 178)  
}
```

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(202, 156, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 156, 178) }
```

Border

The CSS property to change the border of an element to Yxy 39.5478, 0.3374, 0.3013 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(202, 156, 178) }
```

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

```
.border{ border-color:rgb(202, 156, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 156, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 156, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 156, 178);  
box-shadow:4px 4px 4px 4px rgb(202, 156,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5478, 0.3374, 0.3013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 156, 178) }
```

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

```
.background{ background-color: rgb(202,  
156, 178) }
```

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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