

Converting Colors

$Yxy(39.2908, 0.3403, 0.3071)$

Have a look what the booklet for
Yxy(39.2908, 0.3403, 0.3071)
contains.

Yxy(39.2504, 0.3402, 0.3062)	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(39.2504, 0.3402, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	C99CAE
RGB	201, 156, 174
RGB Percent	79%, 61%, 68%
CMY	0.2119, 0.3882, 0.3176
CMYK	0.00, 0.22, 0.13, 0.21
HSL	336°, 29%, 70%
HSV	336°, 22%, 79%
XYZ	43.6087, 39.2504, 45.3264
YIQ	171.5070, 21.0420, 15.1380

Conversions

Conversions Part 2

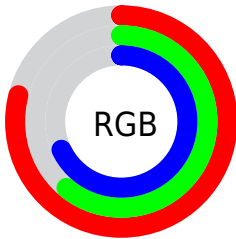
Format	Color
R_{YB}	201, 156, 174
Decimal	13212846
CIE _{Lab}	68.93, 19.55, -2.90
CIE _{LCh}	69, 19.766, 351.564
Yxy	39.2504, 0.3402, 0.3062
Android (android.graphics.Color)	4291402926 (0xFFC99CAE)
YUV	171.5070, 1.2290, 25.8654
Hunter-Lab	62.6501, 14.6102, 0.9597

Details

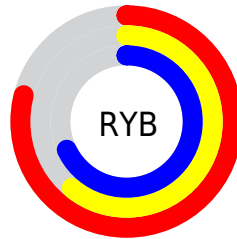
The Yxy color **39.2504, 0.3402, 0.3062** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.2431, 0.2915, 0.3531**, and the grayscale version is **40.9787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5057, 0.3329, 0.3110**, and **17.4168, 0.3477, 0.2980** is the 20% darker color. If you saturate the color by 10%, you get **32.6062, 0.3569, 0.2954**, and if you desaturate by 10%, it is **47.0562, 0.3264, 0.3167**.

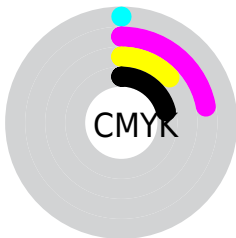
Distribution



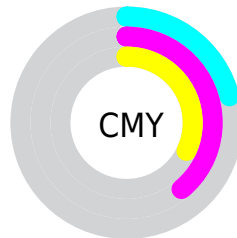
- Red (79%)
- Green (61%)
- Blue (68%)



- Red (79%)
- Yellow (61%)
- Blue (68%)



- Cyan (0%)
- Magenta (22%)
- Yellow (13%)
- Black (21%)



- Cyan (21%)
- Magenta (39%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2504, 0.3402, 0.3062 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 39.2504, 0.3402, 0.3062 by changing the saturation by 10% instead.


 39.2504, 0.3402,
0.3062


 39.2504, 0.3402,
0.3062


342.9539, 0.3261,
0.3178

 26.9546, 0.3438,
0.3033


 74.0207, 0.3350,
0.3104

 17.5391, 0.3485,
0.2994


 97.2639, 0.3331,
0.3120

 10.6196, 0.3549,
0.2943


124.9251, 0.3315,
0.3134

 5.8117, 0.3640,
0.2870

157.3887, 0.3301,
0.3145

 2.7309, 0.3782,
0.2759

195.0389, 0.3289,
0.3155

 0.9929, 0.4030,
0.2568

238.2603, 0.3279,

 0.0000, 0.8314,

0.3163

0.0000

287.4371, 0.3270,
0.3171

0.0000, 0.0000,
0.0000

39.2504, 0.3402,
0.3062

39.2504, 0.3402,
0.3062

32.6062, 0.3569,
0.2954

47.0562, 0.3264,
0.3167

27.0622, 0.3768,
0.2848

56.0703, 0.3151,
0.3267

22.5597, 0.4002,
0.2752

66.3435, 0.3058,
0.3361

19.0322, 0.4270,
0.2674

77.9219, 0.2981,
0.3447

16.4053, 0.4566,
0.2629

89.8882, 0.2918,
0.3510

■ 14.5938, 0.4874,
0.2627

■ 90.6058, 0.2855,
0.3380

■ 13.4959, 0.5175,
0.2678

■ 91.1522, 0.2810,
0.3289

■ 12.9980, 0.5391,
0.2743

Harmonies

Analogous

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



39.2504, 0.3108, 0.2888



39.2504, 0.3402, 0.3062



39.2504, 0.3627, 0.3294

Triad

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



39.2504, 0.3402, 0.3062



39.2504, 0.3412, 0.3812



39.2504, 0.2576, 0.3003

Complementary

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



39.2504, 0.3402, 0.3062



52.2431, 0.2915, 0.3531

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.



39.2504, 0.2650, 0.3254



39.2504, 0.3402, 0.3062



39.2504, 0.3125, 0.3743

Square

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



39.2504, 0.3402, 0.3062



39.2504, 0.3629, 0.3729



39.2504, 0.2847, 0.3532



39.2504, 0.2641, 0.2846

Rectangle

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



39.2504, 0.3402, 0.3062



39.2504, 0.3701, 0.3458



39.2504, 0.2847, 0.3532



39.2504, 0.2586, 0.3079

Sweetspot

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



39.2522, 0.3402, 0.3062



88.4649, 0.3202, 0.3221



37.9727, 0.2982, 0.2710



18.7330, 0.3209, 0.3215



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.



39.2522, 0.3402, 0.3062



61.2813, 0.3482, 0.3008



39.8734, 0.3569, 0.3340



10.7061, 0.3228, 0.3198



8.1931, 0.5354, 0.2723



0.4022, 0.4804, 0.2420

Inverse Universe

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



39.2522, 0.3402, 0.3062



61.2813, 0.3482, 0.3008



51.3161, 0.2795, 0.3240



10.7061, 0.3228, 0.3198



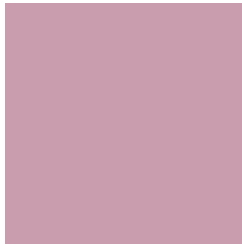
8.1931, 0.5354, 0.2723



0.4022, 0.4804, 0.2420

Previews

White Background



This preview shows how the Yxy color 39.2504, 0.3402, 0.3062 looks on a white background.

Color Contrast Check

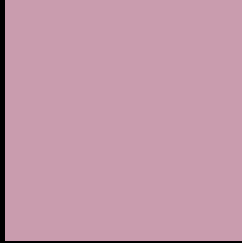
Large Text (above 18pt) WCAG AA × Fail

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 39.2504, 0.3402, 0.3062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

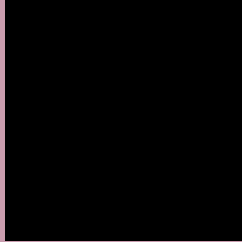
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2504, 0.3402, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 39.2504, 0.3402, 0.3062.



This preview shows how white text looks on a background with the Yxy color 39.2504, 0.3402, 0.3062.

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

39.2504, 0.3402, 0.3062

Protanopia

39.2985, 0.3019, 0.3097

Deuteranopia

39.2788, 0.3228, 0.3156



Tritanopia

39.2579, 0.3439, 0.3137

Trichromacy



Original Color

39.2504, 0.3402, 0.3062

Protanomaly

39.1120, 0.3155, 0.3089

Deuteranomaly

39.1059, 0.3298, 0.3120

Tritanomaly

39.3336, 0.3420, 0.3112

Monochromacy



Original Color

39.2504, 0.3402, 0.3062

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.3568, 0.3225, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2504, 0.3402, 0.3062 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(201, 156, 174)` looks like.

```
.text, #text, p{  
    color:rgb(201, 156, 174)  
}
```

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(201, 156, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 156, 174) }
```

Border

The CSS property to change the border of an element to Yxy 39.2504, 0.3402, 0.3062 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(201, 156, 174) }
```

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

```
.border{ border-color:rgb(201, 156, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 156, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 156, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 156, 174);  
box-shadow:4px 4px 4px 4px rgb(201, 156,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2504, 0.3402, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 156, 174) }
```

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

```
.background{ background-color: rgb(201,  
156, 174) }
```

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