

Converting Colors

$Yxy(39.4390, 0.3453, 0.3065)$

Have a look what the booklet for
Yxy(39.4390, 0.3453, 0.3065)
contains.

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Color

Yxy(39.4390, 0.3453, 0.3065)

Conversions

Conversions Part 1

Format	Color
Hex	CD9BAD
RGB	205, 155, 173
RGB Percent	80%, 61%, 68%
CMY	0.1963, 0.3921, 0.3216
CMYK	0.00, 0.24, 0.16, 0.20
HSL	338°, 33%, 71%
HSV	338°, 24%, 80%
XYZ	44.4316, 39.4390, 44.8048
YIQ	172.0020, 24.0220, 16.1980

Conversions

Conversions Part 2

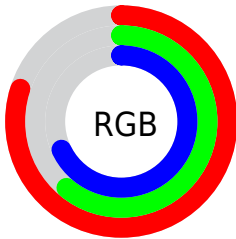
Format	Color
R_{YB}	205, 155, 173
Decimal	13474733
CIE _{Lab}	69.07, 21.38, -2.09
CIE _{LCh}	69, 21.479, 354.415
Yxy	39.4390, 0.3453, 0.3065
Android (android.graphics.Color)	4291664813 (0xFFCD9BAD)
YUV	172.0020, 0.4920, 28.9392
Hunter-Lab	62.8005, 16.3887, 1.6601

Details

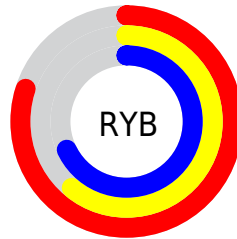
The Yxy color **39.4390, 0.3453, 0.3065** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.1994, 0.2884, 0.3528**, and the grayscale version is **41.2442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9546, 0.3337, 0.3110**, and **17.5650, 0.3549, 0.2986** is the 20% darker color. If you saturate the color by 10%, you get **32.7036, 0.3639, 0.2968**, and if you desaturate by 10%, it is **47.3858, 0.3300, 0.3161**.

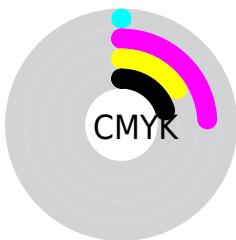
Distribution



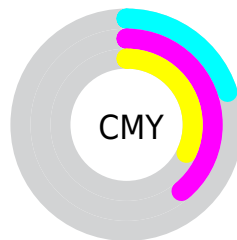
- Red (80%)
- Green (61%)
- Blue (68%)



- Red (80%)
- Yellow (61%)
- Blue (68%)



- Cyan (0%)
- Magenta (24%)
- Yellow (16%)
- Black (20%)




- Cyan (20%)
- Magenta (39%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4390, 0.3453, 0.3065 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 39.4390, 0.3453, 0.3065 by changing the saturation by 10% instead.

 39.4390, 0.3453,
0.3065


 39.4390, 0.3453,
0.3065


343.7533, 0.3286,
0.3179

 27.1014, 0.3496,
0.3036


 74.3085, 0.3391,
0.3107

 17.6494, 0.3552,
0.2998


 97.6092, 0.3369,
0.3123

 10.6986, 0.3628,
0.2947


125.3330, 0.3349,
0.3136

 5.8645, 0.3737,
0.2874

157.8644, 0.3333,
0.3147

 2.7629, 0.3905,
0.2763

195.5877, 0.3319,
0.3157

 1.0092, 0.4201,
0.2572

238.8874, 0.3307,


 0.0000, 0.9261,


0.3165


0.0000

288.1478, 0.3296,
0.3173


 0.0000, 0.0000,
0.0000

 39.4390, 0.3453,
0.3065

 39.4390, 0.3453,
0.3065


 32.7036, 0.3639,
0.2968


 47.3858, 0.3300,
0.3161


 27.1142, 0.3861,
0.2873


 56.5942, 0.3174,
0.3252

 22.6077, 0.4122,
0.2790

 67.1182, 0.3072,
0.3337

 19.1124, 0.4420,
0.2727

 79.0070, 0.2988,
0.3416

 16.5481, 0.4744,
0.2698

 90.7004, 0.2918,
0.3462

■ 14.8220, 0.5076,
0.2715

■ 91.5023, 0.2849,
0.3323

■ 13.8218, 0.5391,
0.2782

■ 91.7128, 0.2832,
0.3289

■ 13.4643, 0.5556,
0.2834

Harmonies

Analogous

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



39.4390, 0.3136, 0.2870



39.4390, 0.3453, 0.3065



39.4390, 0.3686, 0.3318

Triad

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



39.4390, 0.3453, 0.3065



39.4390, 0.3407, 0.3858



39.4390, 0.2532, 0.2956

Complementary

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



39.4390, 0.3453, 0.3065



54.1994, 0.2884, 0.3528

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.



39.4390, 0.2597, 0.3220



39.4390, 0.3453, 0.3065



39.4390, 0.3093, 0.3767

Square

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



39.4390, 0.3453, 0.3065



39.4390, 0.3654, 0.3780



39.4390, 0.2798, 0.3525



39.4390, 0.2616, 0.2800

Rectangle

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



39.4390, 0.3453, 0.3065



39.4390, 0.3756, 0.3494



39.4390, 0.2798, 0.3525



39.4390, 0.2537, 0.3035

Sweetspot

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



39.4408, 0.3453, 0.3065



88.4212, 0.3206, 0.3228



38.3769, 0.2988, 0.2658



18.7229, 0.3214, 0.3222



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.



39.4408, 0.3453, 0.3065



58.8660, 0.3542, 0.3016



41.0690, 0.3613, 0.3376



11.2793, 0.3234, 0.3207



8.4027, 0.5518, 0.2814



0.4479, 0.4976, 0.2515

Inverse Universe

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



39.4408, 0.3453, 0.3065



58.8660, 0.3542, 0.3016



51.9012, 0.2764, 0.3202



11.2793, 0.3234, 0.3207



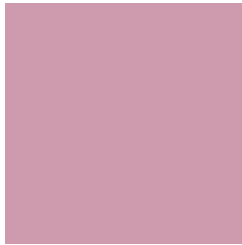
8.4027, 0.5518, 0.2814



0.4479, 0.4976, 0.2515

Previews

White Background



This preview shows how the Yxy color 39.4390, 0.3453, 0.3065 looks on a white background.

Color Contrast Check

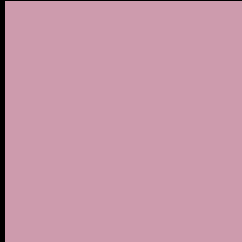
Large Text (above 18pt) WCAG AA × Fail

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 39.4390, 0.3453, 0.3065 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 39.4390, 0.3453, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 39.4390, 0.3453, 0.3065.



This preview shows how white text looks on a background with the Yxy color 39.4390, 0.3453, 0.3065.

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

39.4390, 0.3453, 0.3065

Protanopia

39.6663, 0.3019, 0.3111

Deuteranopia

39.6815, 0.3254, 0.3197



Tritanopia

39.4415, 0.3491, 0.3139

Trichromacy



Original Color

39.4390, 0.3453, 0.3065

Protanomaly

39.2325, 0.3165, 0.3089

Deuteranomaly

39.6748, 0.3326, 0.3147

Tritanomaly

39.5166, 0.3471, 0.3114

Monochromacy



Original Color

39.4390, 0.3453, 0.3065

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.4413, 0.3243, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4390, 0.3453, 0.3065 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(205, 155, 173)` looks like.

```
.text, #text, p{  
    color:rgb(205, 155, 173)  
}
```

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(205, 155, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 155, 173) }
```

Border

The CSS property to change the border of an element to Yxy 39.4390, 0.3453, 0.3065 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(205, 155, 173) }
```

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

```
.border{ border-color:rgb(205, 155, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 155, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 155, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 155, 173);  
box-shadow:4px 4px 4px 4px rgb(205, 155,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4390, 0.3453, 0.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 155, 173) }
```

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

```
.background{ background-color: rgb(205,  
155, 173) }
```

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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