

Converting Colors

$Y_{xy}(39.3055, 0.3389, 0.3087)$

Have a look what the booklet for
Yxy(39.3055, 0.3389, 0.3087)
contains.

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Color

Yxy(39.2732, 0.3391, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	C79DAD
RGB	199, 157, 173
RGB Percent	78%, 62%, 68%
CMY	0.2196, 0.3843, 0.3216
CMYK	0.00, 0.21, 0.13, 0.22
HSL	337°, 27%, 70%
HSV	337°, 21%, 78%
XYZ	43.1547, 39.2732, 44.8346
YIQ	171.3820, 19.8960, 13.8800

Conversions

Conversions Part 2

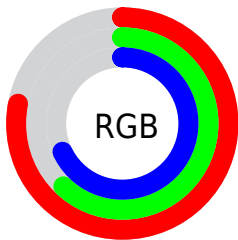
Format	Color
R_{YB}	199, 157, 173
Decimal	13082029
CIE _{Lab}	68.95, 18.14, -2.33
CIE _{LCh}	69, 18.287, 352.683
Yxy	39.2732, 0.3391, 0.3086
Android (android.graphics.Color)	4291272109 (0xFFC79DAD)
YUV	171.3820, 0.7977, 24.2210
Hunter-Lab	62.6683, 13.2492, 1.4502

Details

The Yxy color **39.2732, 0.3391, 0.3086** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.4418, 0.2921, 0.3504**, and the grayscale version is **40.9163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9484, 0.3335, 0.3130**, and **17.5034, 0.3474, 0.3013** is the 20% darker color. If you saturate the color by 10%, you get **32.6249, 0.3559, 0.2983**, and if you desaturate by 10%, it is **47.0659, 0.3252, 0.3186**.

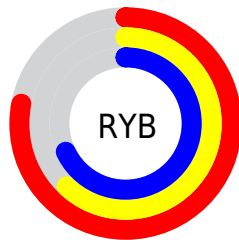
Distribution



Red (78%)

Green (62%)

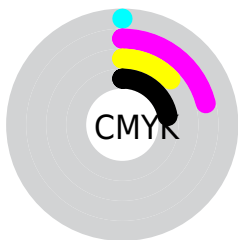
Blue (68%)



Red (78%)

Yellow (62%)

Blue (68%)

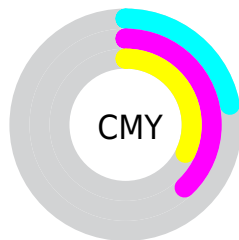


Cyan (0%)

Magenta (21%)

Yellow (13%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2732, 0.3391, 0.3086 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 39.2732, 0.3391, 0.3086 by changing the saturation by 10% instead.


 39.2732, 0.3391,
0.3086


 39.2732, 0.3391,
0.3086


343.0506, 0.3256,
0.3190

 26.9723, 0.3426,
0.3060


 74.0555, 0.3341,
0.3124

 17.5524, 0.3471,
0.3025


 97.3057, 0.3323,
0.3138

 10.6291, 0.3533,
0.2979


124.9745, 0.3307,
0.3150

 5.8181, 0.3621,
0.2913

157.4462, 0.3294,
0.3161

 2.7348, 0.3758,
0.2811

195.1053, 0.3282,
0.3169

 0.9949, 0.4000,
0.2637

238.3361, 0.3272,

 0.0000, 0.9019,

0.3177

0.0000

287.5231, 0.3264,
0.3184

0.0000, 0.0000,
0.0000

39.2732, 0.3391,
0.3086

39.2732, 0.3391,
0.3086

32.6249, 0.3559,
0.2983

47.0659, 0.3252,
0.3186

27.0615, 0.3761,
0.2882

56.0483, 0.3138,
0.3280

22.5260, 0.4000,
0.2789

66.2697, 0.3045,
0.3368

18.9543, 0.4274,
0.2713

77.7750, 0.2969,
0.3449

16.2747, 0.4578,
0.2667

89.6409, 0.2905,
0.3507

■ 14.4056, 0.4898,
0.2663

■ 90.3770, 0.2841,
0.3374

■ 13.2498, 0.5211,
0.2710

■ 90.8841, 0.2800,
0.3289

■ 12.6622, 0.5470,
0.2787

Harmonies

Analogous

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



39.2732, 0.3120, 0.2921



39.2732, 0.3391, 0.3086



39.2732, 0.3594, 0.3304

Triad

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



39.2732, 0.3391, 0.3086



39.2732, 0.3382, 0.3772



39.2732, 0.2616, 0.3018

Complementary

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



39.2732, 0.3391, 0.3086



51.4418, 0.2921, 0.3504

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.



39.2732, 0.2680, 0.3248



39.2732, 0.3391, 0.3086



39.2732, 0.3116, 0.3702

Square

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



39.2732, 0.3391, 0.3086



39.2732, 0.3586, 0.3702



39.2732, 0.2860, 0.3504



39.2732, 0.2681, 0.2875

Rectangle

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



39.2732, 0.3391, 0.3086



39.2732, 0.3659, 0.3455



39.2732, 0.2860, 0.3504



39.2732, 0.2623, 0.3087

Sweetspot

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



39.2750, 0.3391, 0.3086



90.0282, 0.3192, 0.3234



38.2945, 0.3004, 0.2747



19.0477, 0.3200, 0.3228



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.



39.2750, 0.3391, 0.3086



63.5632, 0.3459, 0.3043



40.3847, 0.3534, 0.3355



10.7026, 0.3231, 0.3202



8.1566, 0.5434, 0.2767



0.4003, 0.4868, 0.2455

Inverse Universe

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



39.2750, 0.3391, 0.3086



63.5632, 0.3459, 0.3043



49.9262, 0.2811, 0.3224



10.7026, 0.3231, 0.3202



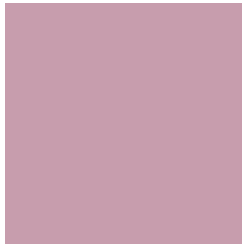
8.1566, 0.5434, 0.2767



0.4003, 0.4868, 0.2455

Previews

White Background



This preview shows how the Yxy color 39.2732, 0.3391, 0.3086 looks on a white background.

Color Contrast Check

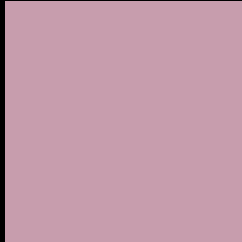
Large Text (above 18pt) WCAG AA × Fail

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 39.2732, 0.3391, 0.3086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

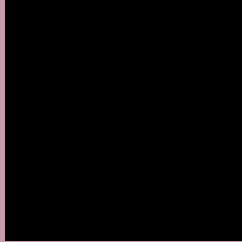
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2732, 0.3391, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 39.2732, 0.3391, 0.3086.



This preview shows how white text looks on a background with the Yxy color 39.2732, 0.3391, 0.3086.

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

39.2732, 0.3391, 0.3086

Protanopia

39.2169, 0.3035, 0.3124

Deuteranopia

39.2402, 0.3237, 0.3170



Tritanopia

39.4981, 0.3418, 0.3137

Trichromacy



Original Color

39.2732, 0.3391, 0.3086

Protanomaly

38.9524, 0.3155, 0.3101

Deuteranomaly

39.2871, 0.3297, 0.3145

Tritanomaly

39.5361, 0.3408, 0.3124

Monochromacy



Original Color

39.2732, 0.3391, 0.3086

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.0748, 0.3215, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2732, 0.3391, 0.3086 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, 157, 173)` looks like.

```
.text, #text, p{  
    color:rgb(199, 157, 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(199, 157, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 157, 173) }
```

Border

The CSS property to change the border of an element to Yxy 39.2732, 0.3391, 0.3086 is called "border". The border property can be set on classes, ids or directly on the HTML element.

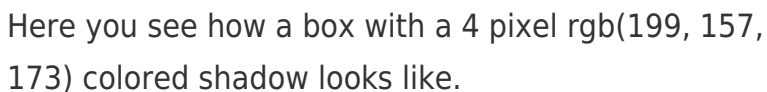
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 157, 173) }
```

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

```
.border{ border-color:rgb(199, 157, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 157, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 157, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 157, 173); box-shadow:4px 4px 4px 4px rgb(199, 157, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2732, 0.3391, 0.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 157, 173) }
```

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

```
.background{ background-color: rgb(199,  
157, 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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