

Converting Colors

$Yxy(39.5260, 0.3542, 0.3331)$

Have a look what the booklet for
Yxy(39.5260, 0.3542, 0.3331)
contains.

Yxy(39.7180, 0.3539, 0.3330)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.7180, 0.3539, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	C7A09D
RGB	199, 160, 157
RGB Percent	78%, 63%, 62%
CMY	0.2196, 0.3725, 0.3843
CMYK	0.00, 0.20, 0.21, 0.22
HSL	4°, 27%, 70%
HSV	4°, 21%, 78%
XYZ	42.2108, 39.7180, 37.3445
YIQ	171.3190, 24.2070, 7.3350

Conversions

Conversions Part 2

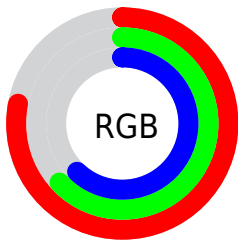
Format	Color
R _Y B	199, 160, 157
Decimal	13082781
CIE Lab	69.27, 13.94, 7.02
CIE LCh	69, 15.605, 26.722
Yxy	39.7180, 0.3539, 0.3330
Android (android.graphics.Color)	4291272861 (0xFFC7A09D)
YUV	171.3190, -7.0593, 24.2762
Hunter-Lab	63.0222, 9.2663, 8.9827

Details

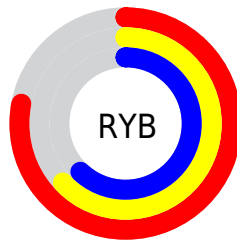
The Yxy color **39.7180, 0.3539, 0.3330** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.7775, 0.2813, 0.3250**, and the grayscale version is **40.9217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6143, 0.3446, 0.3321**, and **17.6950, 0.3660, 0.3327** is the 20% darker color. If you saturate the color by 10%, you get **33.1554, 0.3808, 0.3350**, and if you desaturate by 10%, it is **47.3476, 0.3321, 0.3310**.

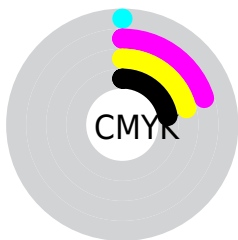
Distribution



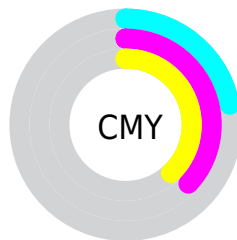
- Red (78%)
- Green (63%)
- Blue (62%)



- Red (78%)
- Yellow (63%)
- Blue (62%)



- Cyan (0%)
- Magenta (20%)
- Yellow (21%)
- Black (22%)





- Cyan (22%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7180, 0.3539, 0.3330 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 39.7180, 0.3539, 0.3330 by changing the saturation by 10% instead.

 39.7180, 0.3539,
0.3330


 39.7180, 0.3539,
0.3330


344.9335, 0.3326,
0.3313

 27.3187, 0.3595,
0.3333


 74.7339, 0.3460,
0.3324

 17.8128, 0.3667,
0.3337


 98.1193, 0.3431,
0.3322

 10.8156, 0.3767,
0.3341


125.9356, 0.3406,
0.3320

 5.9430, 0.3910,
0.3345

158.5671, 0.3385,
0.3318

 2.8105, 0.4135,
0.3344

196.3983, 0.3367,
0.3317

 1.0336, 0.4592,
0.3367

239.8135, 0.3352,


 0.0000, 1.0000,


0.3315


0.0000

289.1971, 0.3338,
0.3314


 0.0000, 0.0000,
0.0000


 39.7180, 0.3539,
0.3330


 39.7180, 0.3539,
0.3330


 33.1554, 0.3808,
0.3350


 47.3476, 0.3321,
0.3310


 27.6072, 0.4134,
0.3370


 56.0829, 0.3144,
0.3292


 23.0242, 0.4522,
0.3388

 65.9677, 0.3001,
0.3275

 19.3514, 0.4960,
0.3399

 77.0415, 0.2885,
0.3260

 16.5279, 0.5420,
0.3400

 89.2443, 0.2798,
0.3262

■ 14.4856, 0.5846,
0.3387

■ 90.8824, 0.2800,
0.3289

■ 13.1457, 0.6172,
0.3361

■ 12.4613, 0.6352,
0.3338

Harmonies

Analogous

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



39.7180, 0.3380, 0.3139



39.7180, 0.3539, 0.3330



39.7180, 0.3583, 0.3518

Triad

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



39.7180, 0.3539, 0.3330



39.7180, 0.3087, 0.3620



39.7180, 0.2762, 0.2927

Complementary

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



39.7180, 0.3539, 0.3330



50.7775, 0.2813, 0.3250

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.



39.7180, 0.2691, 0.3039



39.7180, 0.3539, 0.3330



39.7180, 0.2874, 0.3444

Square

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



39.7180, 0.3539, 0.3330



39.7180, 0.3317, 0.3697



39.7180, 0.2731, 0.3227



39.7180, 0.2929, 0.2911

Rectangle

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



39.7180, 0.3539, 0.3330



39.7180, 0.3541, 0.3618



39.7180, 0.2731, 0.3227



39.7180, 0.2726, 0.2954

Sweetspot

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



39.7198, 0.3539, 0.3330



90.3198, 0.3228, 0.3301



40.2550, 0.3176, 0.2804



19.1161, 0.3239, 0.3302



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.



39.7198, 0.3539, 0.3330



64.4187, 0.3647, 0.3339



47.5461, 0.3486, 0.3593



10.7563, 0.3288, 0.3307



8.0617, 0.6341, 0.3347



0.4249, 0.6143, 0.3505

Inverse Universe

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



50.7775, 0.2813, 0.3250



86.9851, 0.2754, 0.3241



42.0336, 0.2794, 0.2967



11.9332, 0.2984, 0.3273



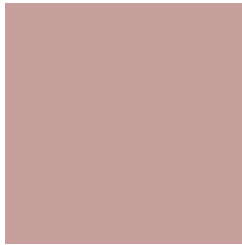
24.9695, 0.2186, 0.3068



1.2220, 0.2199, 0.3118

Previews

White Background



This preview shows how the Yxy color 39.7180, 0.3539, 0.3330 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 39.7180, 0.3539, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

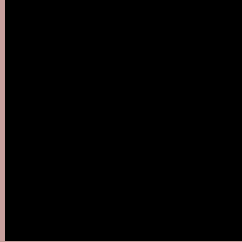
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7180, 0.3539, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 39.7180, 0.3539, 0.3330.



This preview shows how white text looks on a background with the Yxy color 39.7180, 0.3539, 0.3330.

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

39.7180, 0.3539, 0.3330

Protanopia

39.9832, 0.3233, 0.3387

Deuteranopia

39.5418, 0.3452, 0.3384



Tritanopia

39.7735, 0.3437, 0.3138

Trichromacy



Original Color

39.7180, 0.3539, 0.3330

Protanomaly

39.8778, 0.3341, 0.3372

Deuteranomaly

39.5784, 0.3484, 0.3370

Tritanomaly

39.7922, 0.3474, 0.3214

Monochromacy



Original Color

39.7180, 0.3539, 0.3330

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2144, 0.3266, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7180, 0.3539, 0.3330 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, 160, 157)` looks like.

```
.text, #text, p{  
    color:rgb(199, 160, 157)  
}
```

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, 160, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 160, 157) }
```

Border

The CSS property to change the border of an element to Yxy 39.7180, 0.3539, 0.3330 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, 160, 157) }
```

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

```
.border{ border-color:rgb(199, 160, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 160, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 160, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 160, 157); box-shadow:4px 4px 4px 4px rgb(199, 160, 157) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7180, 0.3539, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 160, 157) }
```

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

```
.background{ background-color: rgb(199,  
160, 157) }
```

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