

Converting Colors

$Yxy(39.9967, 0.3832, 0.3580)$

Have a look what the booklet for
Yxy(39.9967, 0.3832, 0.3580)
contains.

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Color

Yxy(39.9837, 0.3840, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	D09F88
RGB	208, 159, 136
RGB Percent	82%, 62%, 53%
CMY	0.1844, 0.3764, 0.4666
CMYK	0.00, 0.24, 0.35, 0.18
HSL	19°, 43%, 67%
HSV	19°, 35%, 82%
XYZ	42.8516, 39.9837, 28.7575
YIQ	171.0290, 36.5870, 3.2350

Conversions

Conversions Part 2

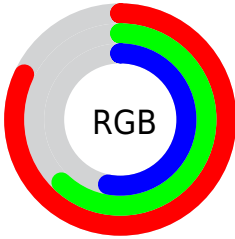
Format	Color
R _Y B	208, 170, 136
Decimal	13672328
CIE Lab	69.46, 15.04, 19.02
CIE LCh	69, 24.250, 51.664
Yxy	39.9837, 0.3840, 0.3583
Android (android.graphics.Color)	4291862408 (0xFFD09F88)
YUV	171.0290, -17.2693, 32.4236
Hunter-Lab	63.2327, 10.3091, 17.2985

Details

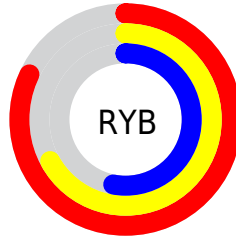
The Yxy color **39.9837, 0.3840, 0.3583** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4816, 0.2600, 0.2974**, and the grayscale version is **40.8156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0273, 0.3618, 0.3548**, and **17.8627, 0.4062, 0.3649** is the 20% darker color. If you saturate the color by 10%, you get **34.8578, 0.4127, 0.3668**, and if you desaturate by 10%, it is **45.7855, 0.3591, 0.3495**.

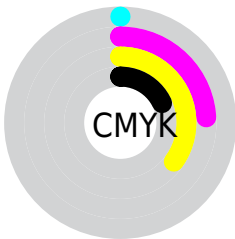
Distribution



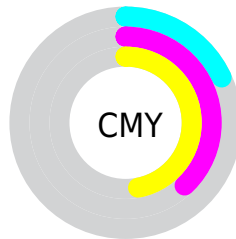
- Red (82%)
- Green (62%)
- Blue (53%)



- Red (82%)
- Yellow (67%)
- Blue (53%)



- Cyan (0%)
- Magenta (24%)
- Yellow (35%)
- Black (18%)





- Cyan (18%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9837, 0.3840, 0.3583 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 39.9837, 0.3840, 0.3583 by changing the saturation by 10% instead.


 39.9837, 0.3840,
0.3583

 39.9837, 0.3840,
0.3583

346.0549, 0.3472,
0.3443

 27.5258, 0.3935,
0.3615


 75.1387, 0.3704,
0.3534

 17.9685, 0.4059,
0.3654


 98.6046, 0.3653,
0.3515

 10.9274, 0.4226,
0.3702


 126.5087, 0.3611,
0.3499

 6.0180, 0.4462,
0.3760

159.2353, 0.3575,
0.3485

 2.8560, 0.4816,
0.3823

197.1688, 0.3544,
0.3472

 1.0570, 0.5829,
0.4171

240.6936, 0.3517,

 0.0000, 1.0000,

0.3461

0.0000

290.1942, 0.3493,
0.3452

0.0000, 0.0000,
0.0000

39.9837, 0.3840,
0.3583

39.9837, 0.3840,
0.3583

34.8578, 0.4127,
0.3668

45.7855, 0.3591,
0.3495

30.3768, 0.4452,
0.3743

52.2814, 0.3380,
0.3408

26.5154, 0.4804,
0.3798

59.4961, 0.3200,
0.3326

23.2444, 0.5166,
0.3819

67.4513, 0.3049,
0.3249

20.5319, 0.5507,
0.3797

76.1676, 0.2920,
0.3179

■ 18.3423, 0.5794,
0.3726

■ 85.2852, 0.2843,
0.3174

■ 17.3571, 0.5927,
0.3676

■ 92.1473, 0.2849,
0.3289

Harmonies

Analogous

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



39.9837, 0.3739, 0.3292



39.9837, 0.3840, 0.3583



39.9837, 0.3737, 0.3822

Triad

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



39.9837, 0.3840, 0.3583



39.9837, 0.2784, 0.3585



39.9837, 0.2768, 0.2710

Complementary

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



39.9837, 0.3840, 0.3583



44.4816, 0.2600, 0.2974

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.



39.9837, 0.2540, 0.2751



39.9837, 0.3840, 0.3583



39.9837, 0.2548, 0.3240

Square

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



39.9837, 0.3840, 0.3583



39.9837, 0.3119, 0.3848



39.9837, 0.2462, 0.2936



39.9837, 0.3103, 0.2807

Rectangle

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



39.9837, 0.3840, 0.3583



39.9837, 0.3573, 0.3913



39.9837, 0.2462, 0.2936



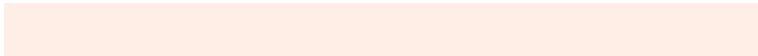
39.9837, 0.2677, 0.2707

Sweetspot

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



39.9856, 0.3840, 0.3583



87.8893, 0.3295, 0.3371



34.5314, 0.3392, 0.2687



18.4681, 0.3321, 0.3382



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.



39.9856, 0.3840, 0.3583



56.9004, 0.4064, 0.3651



54.1209, 0.3694, 0.4004



12.4161, 0.3283, 0.3365



10.9753, 0.5901, 0.3696



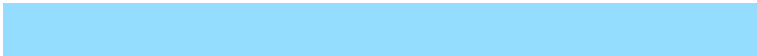
0.7561, 0.5538, 0.3985

Inverse Universe

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



44.4816, 0.2600, 0.2974



65.1029, 0.2487, 0.2889



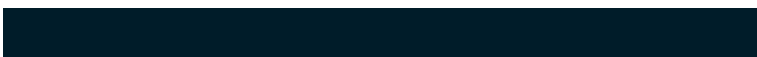
31.3504, 0.2531, 0.2455



12.7435, 0.2983, 0.3214



14.9916, 0.1950, 0.2219



0.9780, 0.2011, 0.2439

Previews

White Background



This preview shows how the Yxy color 39.9837, 0.3840, 0.3583 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 39.9837, 0.3840, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

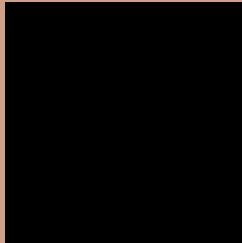
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9837, 0.3840, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 39.9837, 0.3840, 0.3583.



This preview shows how white text looks on a background with the Yxy color 39.9837, 0.3840, 0.3583.

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

39.9837, 0.3840, 0.3583

Protanopia

40.2562, 0.3465, 0.3693

Deuteranopia

39.9494, 0.3733, 0.3659



Tritanopia

40.0816, 0.3572, 0.3143

Trichromacy



Original Color

39.9837, 0.3840, 0.3583

Protanomaly

40.0837, 0.3604, 0.3654

Deuteranomaly

40.1465, 0.3777, 0.3641

Tritanomaly

39.8789, 0.3670, 0.3292

Monochromacy



Original Color

39.9837, 0.3840, 0.3583

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2964, 0.3367, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9837, 0.3840, 0.3583 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(208, 159, 136)` looks like.

```
.text, #text, p{  
    color:rgb(208, 159, 136)  
}
```

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(208, 159, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 159, 136) }
```

Border

The CSS property to change the border of an element to Yxy 39.9837, 0.3840, 0.3583 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(208, 159, 136) }
```

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

```
.border{ border-color:rgb(208, 159, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 159, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 159, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 159, 136);  
box-shadow:4px 4px 4px 4px rgb(208, 159,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9837, 0.3840, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 159, 136) }
```

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

```
.background{ background-color: rgb(208,  
159, 136) }
```

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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