

Converting Colors

$Yxy(39.9869, 0.3679, 0.3650)$

Have a look what the booklet for
Yxy(39.9869, 0.3679, 0.3650)
contains.

Yxy(39.9592, 0.3680, 0.3649)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.9592, 0.3680, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	C3A489
RGB	195, 164, 137
RGB Percent	76%, 64%, 54%
CMY	0.2352, 0.3569, 0.4628
CMYK	0.00, 0.16, 0.30, 0.24
HSL	28°, 33%, 65%
HSV	28°, 30%, 76%
XYZ	40.2987, 39.9592, 29.2494
YIQ	170.1910, 27.1430, -1.8250

Conversions

Conversions Part 2

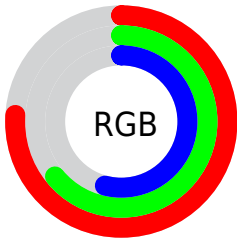
Format	Color
R _Y B	195, 188, 137
Decimal	12821641
CIE Lab	69.44, 7.35, 18.26
CIE LCh	69, 19.686, 68.087
Yxy	39.9592, 0.3680, 0.3649
Android (android.graphics.Color)	4291011721 (0xFFC3A489)
YUV	170.1910, -16.3632, 21.7575
Hunter-Lab	63.2133, 3.1711, 16.8153

Details

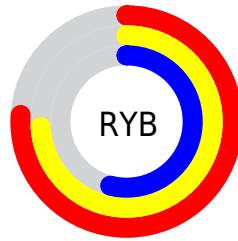
The Yxy color **39.9592, 0.3680, 0.3649** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.2634, 0.2660, 0.2901**, and the grayscale version is **40.3728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0762, 0.3576, 0.3590**, and **17.8519, 0.3844, 0.3744** is the 20% darker color. If you saturate the color by 10%, you get **35.8720, 0.3918, 0.3774**, and if you desaturate by 10%, it is **44.4570, 0.3469, 0.3524**.

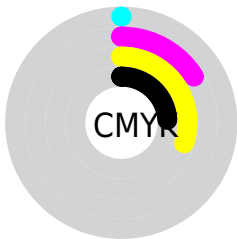
Distribution



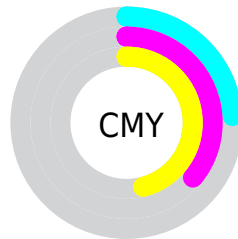
- Red (76%)
- Green (64%)
- Blue (54%)



- Red (76%)
- Yellow (74%)
- Blue (54%)



- Cyan (0%)
- Magenta (16%)
- Yellow (30%)
- Black (24%)





- Cyan (24%)
- Magenta (36%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.9592, 0.3680, 0.3649 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 39.9592, 0.3680, 0.3649 by changing the saturation by 10% instead.


 39.9592, 0.3680,
0.3649


 39.9592, 0.3680,
0.3649


345.9516, 0.3395,
0.3470

 27.5067, 0.3753,
0.3693


 75.1014, 0.3575,
0.3584

 17.9542, 0.3849,
0.3748


 98.5599, 0.3536,
0.3560

 10.9171, 0.3977,
0.3821


 126.4559, 0.3503,
0.3539

 6.0111, 0.4159,
0.3918

159.1737, 0.3475,
0.3522

 2.8518, 0.4431,
0.4049

197.0978, 0.3451,
0.3506

 1.0549, 0.5359,
0.4641

240.6125, 0.3430,

 0.0000, 1.0000,

0.3493

0.0000

290.1023, 0.3412,
0.3481

■ 0.0000, 0.0000,
0.0000

■ 39.9592, 0.3680,
0.3649

■ 39.9592, 0.3680,
0.3649

■ 35.8720, 0.3918,
0.3774

■ 44.4570, 0.3469,
0.3524

■ 32.1771, 0.4180,
0.3892

■ 49.3720, 0.3284,
0.3402

■ 28.8629, 0.4462,
0.3993

■ 54.7176, 0.3124,
0.3287

■ 25.9148, 0.4752,
0.4065

■ 60.5047, 0.2984,
0.3180

■ 23.3171, 0.5035,
0.4095

■ 66.7439, 0.2863,
0.3082

■ 21.0522, 0.5290,
0.4074

■ 73.4455, 0.2759,
0.2991

■ 19.0943, 0.5508,
0.4006

■ 79.3701, 0.2763,
0.3096

■ 19.0501, 0.5514,
0.4004

■ 85.5809, 0.2772,
0.3208

■ 90.3443, 0.2778,
0.3289

Harmonies

Analogous

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



39.9592, 0.3688, 0.3429



39.9592, 0.3680, 0.3649



39.9592, 0.3519, 0.3787

Triad

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



39.9592, 0.3680, 0.3649



39.9592, 0.2729, 0.3380



39.9592, 0.2978, 0.2843

Complementary

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



39.9592, 0.3680, 0.3649



37.2634, 0.2660, 0.2901

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.



39.9592, 0.2736, 0.2815



39.9592, 0.3680, 0.3649



39.9592, 0.2598, 0.3109

Square

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



39.9592, 0.3680, 0.3649



39.9592, 0.2967, 0.3637



39.9592, 0.2600, 0.2906



39.9592, 0.3272, 0.2977

Rectangle

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



39.9592, 0.3680, 0.3649



39.9592, 0.3351, 0.3805



39.9592, 0.2600, 0.2906



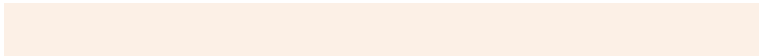
39.9592, 0.2889, 0.2821

Sweetspot

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



39.9610, 0.3680, 0.3649



88.9785, 0.3274, 0.3395



32.3520, 0.3427, 0.2872



19.1874, 0.3299, 0.3412



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.



39.9610, 0.3680, 0.3649



66.5000, 0.3839, 0.3734



51.1598, 0.3581, 0.3991



10.8335, 0.3278, 0.3398



12.5442, 0.5492, 0.4022



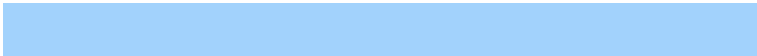
0.6798, 0.5129, 0.4310

Inverse Universe

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



37.2634, 0.2660, 0.2901



60.8560, 0.2551, 0.2796



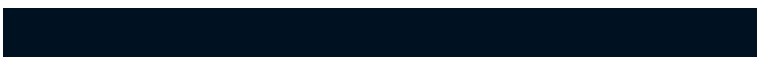
27.9807, 0.2613, 0.2476



10.6194, 0.2984, 0.3180



9.1944, 0.1809, 0.1711



0.5342, 0.1915, 0.2095

Previews

White Background



This preview shows how the Yxy color 39.9592, 0.3680, 0.3649 looks on a white background.

Color Contrast Check

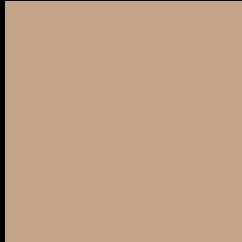
Large Text (above 18pt) WCAG AA × Fail

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 39.9592, 0.3680, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

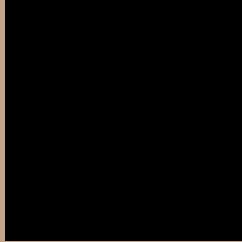
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9592, 0.3680, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 39.9592, 0.3680, 0.3649.



This preview shows how white text looks on a background with the Yxy color 39.9592, 0.3680, 0.3649.

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

39.9592, 0.3680, 0.3649

Protanopia

39.9727, 0.3487, 0.3692

Deuteranopia

39.8708, 0.3703, 0.3634



Tritanopia

39.9169, 0.3397, 0.3124

Trichromacy



Original Color

39.9592, 0.3680, 0.3649

Protanomaly

39.8158, 0.3551, 0.3674

Deuteranomaly

39.7363, 0.3693, 0.3635

Tritanomaly

39.9987, 0.3507, 0.3317

Monochromacy



Original Color

39.9592, 0.3680, 0.3649

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.0576, 0.3317, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9592, 0.3680, 0.3649 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(195, 164, 137)` looks like.

```
.text, #text, p{  
    color:rgb(195, 164, 137)  
}
```

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(195, 164, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 164, 137) }
```

Border

The CSS property to change the border of an element to Yxy 39.9592, 0.3680, 0.3649 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(195, 164, 137) }
```

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

```
.border{ border-color:rgb(195, 164, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 164, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 164, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 164, 137); box-shadow:4px 4px 4px 4px rgb(195, 164, 137) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9592, 0.3680, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 164, 137) }
```

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

```
.background{ background-color: rgb(195,  
164, 137) }
```

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