

Converting Colors

$Yxy(37.9589, 0.3661, 0.3571)$

Have a look what the booklet for
Yxy(37.9589, 0.3661, 0.3571)
contains.

Yxy(37.9687, 0.3668, 0.3573)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(37.9687, 0.3668, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	C19F8A
RGB	193, 159, 138
RGB Percent	76%, 62%, 54%
CMY	0.2431, 0.3765, 0.4588
CMYK	0.00, 0.18, 0.28, 0.24
HSL	23°, 31%, 65%
HSV	23°, 28%, 76%
XYZ	38.9782, 37.9687, 29.3187
YIQ	166.7720, 27.0050, 0.6770

Conversions

Conversions Part 2

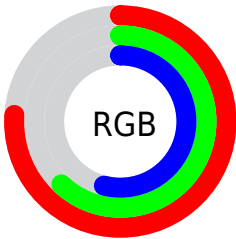
Format	Color
R _{YB}	193, 172, 138
Decimal	12689290
CIE Lab	68.00, 9.42, 15.67
CIE LCh	68, 18.286, 59.000
Yxy	37.9687, 0.3668, 0.3573
Android (android.graphics.Color)	4290879370 (0xFFC19F8A)
YUV	166.7720, -14.1846, 23.0020
Hunter-Lab	61.6187, 5.0811, 14.9225

Details

The Yxy color **37.9687, 0.3668, 0.3573** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.7581, 0.2687, 0.2988**, and the grayscale version is **38.5882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1787, 0.3565, 0.3531**, and **16.9187, 0.3842, 0.3658** is the 20% darker color. If you saturate the color by 10%, you get **33.5530, 0.3918, 0.3677**, and if you desaturate by 10%, it is **42.8833, 0.3451, 0.3470**.

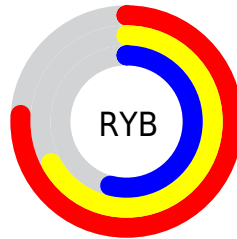
Distribution



Red (76%)

Green (62%)

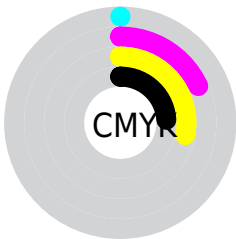
Blue (54%)



Red (76%)

Yellow (67%)

Blue (54%)

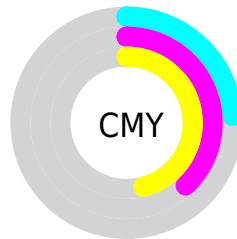


Cyan (0%)

Magenta (18%)

Yellow (28%)

Black (24%)



Cyan (24%)

Magenta (38%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.9687, 0.3668, 0.3573 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 37.9687, 0.3668, 0.3573 by changing the saturation by 10% instead.

 37.9687, 0.3668,
0.3573


 37.9687, 0.3668,
0.3573


337.4857, 0.3387,
0.3432

 25.9584, 0.3742,
0.3608


 72.0602, 0.3563,
0.3522

 16.7925, 0.3838,
0.3651


 94.9101, 0.3525,
0.3503

 10.0867, 0.3970,
0.3708


 122.1421, 0.3492,
0.3487

 5.4565, 0.4159,
0.3784

154.1404, 0.3465,
0.3473

 2.5175, 0.4452,
0.3885

191.2896, 0.3441,
0.3461

 0.8854, 0.5525,
0.4475

233.9739, 0.3421,

 0.0000, 1.0000,

0.3450

0.0000

282.5778, 0.3403,
0.3440

0.0000, 0.0000,
0.0000

37.9687, 0.3668,
0.3573

37.9687, 0.3668,
0.3573

33.5530, 0.3918,
0.3677

42.8833, 0.3451,
0.3470

29.6145, 0.4200,
0.3775

48.3071, 0.3264,
0.3370

26.1376, 0.4511,
0.3859

54.2567, 0.3105,
0.3276

23.1036, 0.4839,
0.3916

60.7464, 0.2968,
0.3190

20.4923, 0.5165,
0.3935

67.7898, 0.2852,
0.3110

■ 18.2818, 0.5465,
0.3905

■ 75.4000, 0.2752,
0.3037

■ 16.4436, 0.5716,
0.3827

■ 82.3683, 0.2756,
0.3156

■ 16.1957, 0.5752,
0.3815

■ 89.7234, 0.2767,
0.3283

■ 90.0778, 0.2768,
0.3289

Harmonies

Analogous

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



37.9687, 0.3628, 0.3352



37.9687, 0.3668, 0.3573



37.9687, 0.3557, 0.3732

Triad

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



37.9687, 0.3668, 0.3573



37.9687, 0.2810, 0.3454



37.9687, 0.2909, 0.2847

Complementary

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



37.9687, 0.3668, 0.3573



38.7581, 0.2687, 0.2988

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.



37.9687, 0.2706, 0.2854



37.9687, 0.3668, 0.3573



37.9687, 0.2651, 0.3194

Square

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



37.9687, 0.3668, 0.3573



37.9687, 0.3057, 0.3673



37.9687, 0.2614, 0.2976



37.9687, 0.3179, 0.2946

Rectangle

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



37.9687, 0.3668, 0.3573



37.9687, 0.3415, 0.3777



37.9687, 0.2614, 0.2976



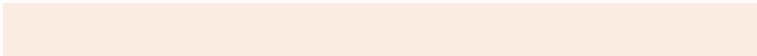
37.9687, 0.2831, 0.2837

Sweetspot

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



37.9705, 0.3668, 0.3573



85.8638, 0.3276, 0.3376



32.5255, 0.3362, 0.2833



18.1042, 0.3301, 0.3391



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.9705, 0.3668, 0.3573



63.1252, 0.3815, 0.3636



48.1511, 0.3576, 0.3907



10.6943, 0.3280, 0.3378



10.9155, 0.5729, 0.3833



0.6050, 0.5311, 0.4165

Inverse Universe

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



38.7581, 0.2687, 0.2988



64.7480, 0.2595, 0.2913



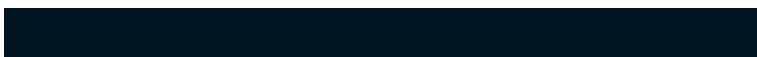
29.6066, 0.2646, 0.2587



10.7614, 0.2984, 0.3200



11.5418, 0.1890, 0.2002



0.6285, 0.1978, 0.2322

Previews

White Background



This preview shows how the Yxy color 37.9687, 0.3668, 0.3573 looks on a white background.

Color Contrast Check

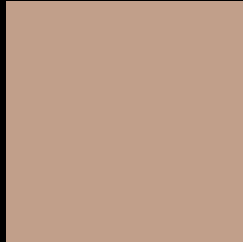
Large Text (above 18pt) WCAG AA × Fail

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 37.9687, 0.3668, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

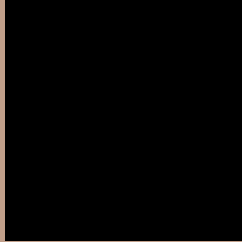
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9687, 0.3668, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 37.9687, 0.3668, 0.3573.



This preview shows how white text looks on a background with the Yxy color 37.9687, 0.3668, 0.3573.

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

37.9687, 0.3668, 0.3573

Protanopia

37.9473, 0.3439, 0.3631

Deuteranopia

38.1831, 0.3654, 0.3587



Tritanopia

37.9685, 0.3423, 0.3134

Trichromacy



Original Color

37.9687, 0.3668, 0.3573

Protanomaly

38.0329, 0.3524, 0.3610

Deuteranomaly

38.1831, 0.3654, 0.3587

Tritanomaly

37.7793, 0.3519, 0.3291

Monochromacy



Original Color

37.9687, 0.3668, 0.3573

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.1813, 0.3313, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9687, 0.3668, 0.3573 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(193, 159, 138)` looks like.

```
.text, #text, p{  
    color:rgb(193, 159, 138)  
}
```

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(193, 159, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 159, 138) }
```

Border

The CSS property to change the border of an element to Yxy 37.9687, 0.3668, 0.3573 is called "border". The border property can be set on classes, ids or directly on the HTML element.

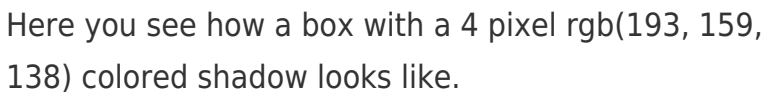
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 159, 138) }
```

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

```
.border{ border-color:rgb(193, 159, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 159, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 159, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 159, 138); box-shadow:4px 4px 4px 4px rgb(193, 159, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9687, 0.3668, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 159, 138) }
```

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

```
.background{ background-color: rgb(193,  
159, 138) }
```

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