

Converting Colors

$Yxy(37.9766, 0.3977, 0.3637)$

Have a look what the booklet for
Yxy(37.9766, 0.3977, 0.3637)
contains.

Yxy(37.8441, 0.3980, 0.3633)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.8441, 0.3980, 0.3633)

Conversions

Conversions Part 1

Format	Color
Hex	D1997E
RGB	209, 153, 126
RGB Percent	82%, 60%, 49%
CMY	0.1803, 0.4000, 0.5058
CMYK	0.00, 0.27, 0.40, 0.18
HSL	19°, 47%, 66%
HSV	19°, 40%, 82%
XYZ	41.4587, 37.8441, 24.8648
YIQ	166.6660, 42.0430, 3.4750

Conversions

Conversions Part 2

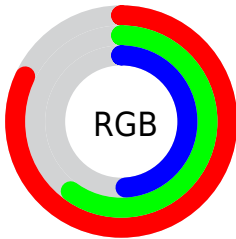
Format	Color
R _Y B	209, 166, 126
Decimal	13736318
CIE Lab	67.91, 17.53, 22.42
CIE LCh	68, 28.460, 51.971
Yxy	37.8441, 0.3980, 0.3633
Android (android.graphics.Color)	4291926398 (0xFFD1997E)
YUV	166.6660, -20.0483, 37.1269
Hunter-Lab	61.5176, 12.6413, 19.0978

Details

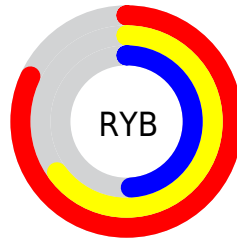
The Yxy color **37.8441, 0.3980, 0.3633** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.5222, 0.2525, 0.2913**, and the grayscale version is **38.5588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1403, 0.3714, 0.3582**, and **16.8109, 0.4245, 0.3712** is the 20% darker color. If you saturate the color by 10%, you get **33.0122, 0.4285, 0.3716**, and if you desaturate by 10%, it is **43.3386, 0.3713, 0.3544**.

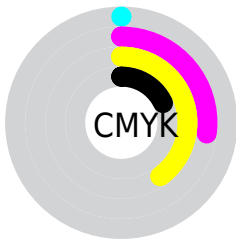
Distribution



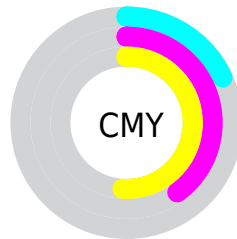
- Red (82%)
- Green (60%)
- Blue (49%)



- Red (82%)
- Yellow (65%)
- Blue (49%)



- Cyan (0%)
- Magenta (27%)
- Yellow (40%)
- Black (18%)




- Cyan (18%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8441, 0.3980, 0.3633 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 37.8441, 0.3980, 0.3633 by changing the saturation by 10% instead.


 37.8441, 0.3980,
0.3633


 37.8441, 0.3980,
0.3633


336.9507, 0.3536,
0.3471


 25.8617, 0.4095,
0.3669


 71.8691, 0.3815,
0.3577

 16.7202, 0.4246,
0.3712


 94.6805, 0.3754,
0.3555

 10.0352, 0.4448,
0.3762


 121.8704, 0.3703,
0.3536

 5.4223, 0.4733,
0.3817

153.8232, 0.3660,
0.3520

 2.4971, 0.5192,
0.3888

190.9232, 0.3622,
0.3505

 0.8752, 0.6036,
0.3964

233.5549, 0.3590,

 0.0000, 1.0000,

0.3492

0.0000

282.1026, 0.3561,
0.3481

0.0000, 0.0000,
0.0000

37.8441, 0.3980,
0.3633

37.8441, 0.3980,
0.3633

33.0122, 0.4285,
0.3716

43.3386, 0.3713,
0.3544

28.8116, 0.4624,
0.3783

49.5149, 0.3483,
0.3455

25.2160, 0.4981,
0.3823

56.3980, 0.3288,
0.3369

22.1953, 0.5335,
0.3824

64.0098, 0.3123,
0.3288

19.7158, 0.5651,
0.3777

72.3714, 0.2983,
0.3213

■ 17.7342, 0.5906,
0.3689

■ 81.5030, 0.2865,
0.3144

■ 17.6835, 0.5913,
0.3687

■ 90.2563, 0.2853,
0.3256

■ 92.2995, 0.2855,
0.3289

Harmonies

Analogous

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



37.8441, 0.3862, 0.3290



37.8441, 0.3980, 0.3633



37.8441, 0.3851, 0.3921

Triad

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



37.8441, 0.3980, 0.3633



37.8441, 0.2713, 0.3641



37.8441, 0.2702, 0.2606

Complementary

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



37.8441, 0.3980, 0.3633



42.5222, 0.2525, 0.2913

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.



37.8441, 0.2435, 0.2648



37.8441, 0.3980, 0.3633



37.8441, 0.2439, 0.3221

Square

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



37.8441, 0.3980, 0.3633



37.8441, 0.3109, 0.3963



37.8441, 0.2342, 0.2860



37.8441, 0.3099, 0.2723

Rectangle

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



37.8441, 0.3980, 0.3633



37.8441, 0.3651, 0.4035



37.8441, 0.2342, 0.2860



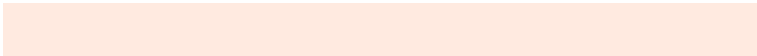
37.8441, 0.2596, 0.2601

Sweetspot

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



37.8459, 0.3980, 0.3633



85.7042, 0.3332, 0.3389



31.8948, 0.3444, 0.2598



18.0330, 0.3357, 0.3400



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.



37.8459, 0.3980, 0.3633



52.5880, 0.4248, 0.3707



53.5659, 0.3783, 0.4109



12.4265, 0.3283, 0.3366



11.0601, 0.5887, 0.3707



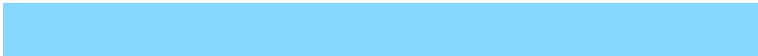
0.7618, 0.5526, 0.3995

Inverse Universe

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



42.5222, 0.2525, 0.2913



60.8928, 0.2402, 0.2812



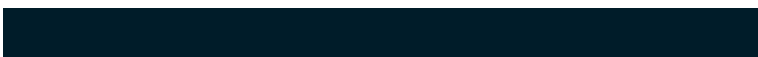
28.1624, 0.2432, 0.2307



12.7325, 0.2983, 0.3213



14.7870, 0.1945, 0.2200



0.9677, 0.2007, 0.2423

Previews

White Background



This preview shows how the Yxy color 37.8441, 0.3980, 0.3633 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 37.8441, 0.3980, 0.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

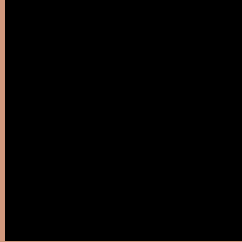
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8441, 0.3980, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 37.8441, 0.3980, 0.3633.



This preview shows how white text looks on a background with the Yxy color 37.8441, 0.3980, 0.3633.

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

37.8441, 0.3980, 0.3633

Protanopia

37.8063, 0.3532, 0.3759

Deuteranopia

37.8790, 0.3816, 0.3744



Tritanopia

37.7149, 0.3673, 0.3143

Trichromacy



Original Color

37.8441, 0.3980, 0.3633

Protanomaly

37.7928, 0.3687, 0.3715

Deuteranomaly

37.8740, 0.3877, 0.3710

Tritanomaly

37.7997, 0.3784, 0.3317

Monochromacy



Original Color

37.8441, 0.3980, 0.3633

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.0527, 0.3413, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8441, 0.3980, 0.3633 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(209, 153, 126)` looks like.

```
.text, #text, p{  
    color:rgb(209, 153, 126)  
}
```

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(209, 153, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 153, 126) }
```

Border

The CSS property to change the border of an element to Yxy 37.8441, 0.3980, 0.3633 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(209, 153, 126) }
```

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

```
.border{ border-color:rgb(209, 153, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 153, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 153, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 153, 126);  
box-shadow:4px 4px 4px 4px rgb(209, 153,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8441, 0.3980, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 153, 126) }
```

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

```
.background{ background-color: rgb(209,  
153, 126) }
```

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