

Converting Colors

$Y_{xy}(37.8132, 0.3797, 0.3780)$

Have a look what the booklet for
Yxy(37.8132, 0.3797, 0.3780)
contains.

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Color

Yxy(37.8033, 0.3790, 0.3776)

Conversions

Conversions Part 1

Format	Color
Hex	C0A07C
RGB	192, 160, 124
RGB Percent	75%, 63%, 49%
CMY	0.2471, 0.3725, 0.5137
CMYK	0.00, 0.17, 0.35, 0.25
HSL	32°, 35%, 62%
HSV	32°, 35%, 75%
XYZ	37.9435, 37.8033, 24.3679
YIQ	165.4640, 30.6280, -4.4120

Conversions

Conversions Part 2

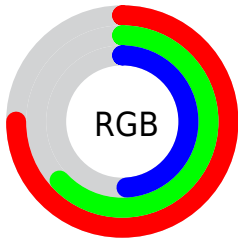
Format	Color
RYB	184, 192, 124
Decimal	12623996
CIELab	67.88, 6.63, 23.19
CIELCh	68, 24.114, 74.047
Yxy	37.8033, 0.3790, 0.3776
Android (android.graphics.Color)	4290814076 (0xFFC0A07C)
YUV	165.4640, -20.4418, 23.2721
Hunter-Lab	61.4844, 2.5589, 19.5409

Details

The Yxy color **37.8033, 0.3790, 0.3776** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.8589, 0.2561, 0.2746**, and the grayscale version is **37.9508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9149, 0.3658, 0.3689**, and **16.7636, 0.3984, 0.3916** is the 20% darker color. If you saturate the color by 10%, you get **34.3477, 0.4026, 0.3914**, and if you desaturate by 10%, it is **41.5844, 0.3575, 0.3634**.

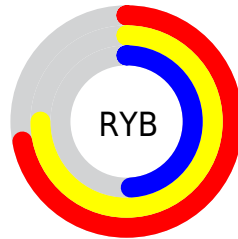
Distribution



Red (75%)

Green (63%)

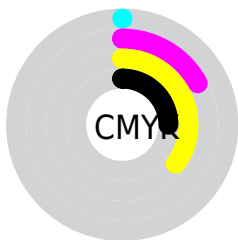
Blue (49%)



Red (72%)

Yellow (75%)

Blue (49%)

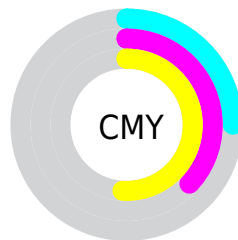


Cyan (0%)

Magenta (17%)

Yellow (35%)

Black (25%)



Cyan (25%)


Magenta (37%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8033, 0.3790, 0.3776 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 37.8033, 0.3790, 0.3776 by changing the saturation by 10% instead.

 37.8033, 0.3790,
0.3776


 37.8033, 0.3790,
0.3776


336.7754, 0.3447,
0.3532


 25.8301, 0.3878,
0.3836


 71.8065, 0.3663,
0.3688

 16.6966, 0.3993,
0.3912


 94.6053, 0.3616,
0.3655

 10.0184, 0.4146,
0.4009


 121.7815, 0.3577,
0.3626

 5.4111, 0.4360,
0.4137

153.7193, 0.3543,
0.3602

 2.4905, 0.4721,
0.4348

190.8032, 0.3514,
0.3581

 0.8719, 0.5341,
0.4659

233.4176, 0.3489,

 0.0000, 0.0000,

0.3563

0.0000

281.9469, 0.3467,
0.3547

■ 37.8033, 0.3790,
0.3776

■ 37.8033, 0.3790,
0.3776

■ 34.3477, 0.4026,
0.3914

■ 41.5844, 0.3575,
0.3634

■ 31.2020, 0.4279,
0.4038

■ 45.6953, 0.3382,
0.3494

■ 28.3568, 0.4540,
0.4139

■ 50.1471, 0.3211,
0.3360

■ 25.8003, 0.4797,
0.4203

■ 54.9486, 0.3061,
0.3233

■ 23.5192, 0.5034,
0.4220

■ 60.1081, 0.2929,
0.3115

■ 21.4982, 0.5237,
0.4182

■ 65.6339, 0.2814,
0.3006

■ 20.6460, 0.5324,
0.4155

■ 71.3131, 0.2732,
0.2942

■ 76.2733, 0.2741,
0.3043

■ 81.4947, 0.2749,
0.3142

Harmonies

Analogous

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



37.8033, 0.3843, 0.3513



37.8033, 0.3790, 0.3776



37.8033, 0.3554, 0.3927

Triad

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



37.8033, 0.3790, 0.3776



37.8033, 0.2589, 0.3329



37.8033, 0.3010, 0.2764

Complementary

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



37.8033, 0.3790, 0.3776



31.8589, 0.2561, 0.2746

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.



37.8033, 0.2692, 0.2699



37.8033, 0.3790, 0.3776



37.8033, 0.2461, 0.3000

Square

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



37.8033, 0.3790, 0.3776



37.8033, 0.2859, 0.3670



37.8033, 0.2498, 0.2778



37.8033, 0.3378, 0.2949

Rectangle

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



37.8033, 0.3790, 0.3776



37.8033, 0.3332, 0.3929



37.8033, 0.2498, 0.2778



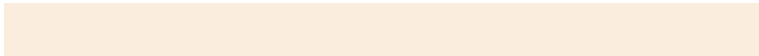
37.8033, 0.2894, 0.2728

Sweetspot

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



37.8051, 0.3790, 0.3776



86.1537, 0.3307, 0.3436



28.0506, 0.3556, 0.2849



18.2491, 0.3330, 0.3455



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.



37.8051, 0.3790, 0.3776



63.9066, 0.3960, 0.3877



50.2018, 0.3643, 0.4163



10.9413, 0.3276, 0.3412



14.0530, 0.5306, 0.4169



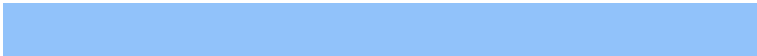
0.7443, 0.4993, 0.4418

Inverse Universe

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



31.8589, 0.2561, 0.2746



51.6291, 0.2442, 0.2612



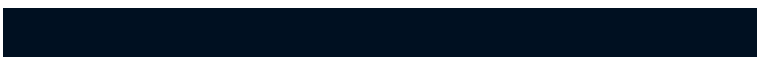
22.5928, 0.2503, 0.2244



10.5116, 0.2984, 0.3165



7.6684, 0.1750, 0.1498



0.4692, 0.1867, 0.1922

Previews

White Background



This preview shows how the Yxy color 37.8033, 0.3790, 0.3776 looks on a white background.

Color Contrast Check

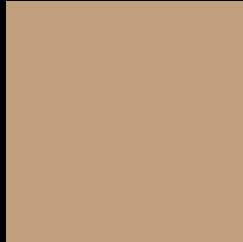
Large Text (above 18pt) WCAG AA × Fail

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 37.8033, 0.3790, 0.3776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

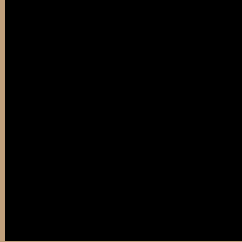
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8033, 0.3790, 0.3776

Background



This preview shows how black text looks on a background with the Yxy color 37.8033, 0.3790, 0.3776.



This preview shows how white text looks on a background with the Yxy color 37.8033, 0.3790, 0.3776.

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

37.8033, 0.3790, 0.3776

Protanopia

37.7637, 0.3597, 0.3842

Deuteranopia

37.8536, 0.3826, 0.3758



Tritanopia

37.6001, 0.3435, 0.3134

Trichromacy



Original Color

37.8033, 0.3790, 0.3776

Protanomaly

37.6201, 0.3665, 0.3820

Deuteranomaly

37.7208, 0.3816, 0.3759

Tritanomaly

37.6134, 0.3569, 0.3358

Monochromacy



Original Color

37.8033, 0.3790, 0.3776

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.5104, 0.3360, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8033, 0.3790, 0.3776 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(192, 160, 124)` looks like.

```
.text, #text, p{  
    color:rgb(192, 160, 124)  
}
```

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(192, 160, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 160, 124) }
```

Border

The CSS property to change the border of an element to Yxy 37.8033, 0.3790, 0.3776 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(192, 160, 124) }
```

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

```
.border{ border-color:rgb(192, 160, 124) }
```

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

Here you see how a box with a 4 pixel rgb(192, 160, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 160, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 160, 124);  
box-shadow:4px 4px 4px 4px rgb(192, 160,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8033, 0.3790, 0.3776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 160, 124) }
```

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

```
.background{ background-color: rgb(192,  
160, 124) }
```

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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