

Converting Colors

$Yxy(37.2169, 0.3777, 0.3434)$

Have a look what the booklet for
Yxy(37.2169, 0.3777, 0.3434)
contains.

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Color

Yxy(37.2169, 0.3777, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	CC988D
RGB	204, 152, 141
RGB Percent	80%, 60%, 55%
CMY	0.2001, 0.4039, 0.4470
CMYK	0.00, 0.25, 0.31, 0.20
HSL	10°, 38%, 68%
HSV	10°, 31%, 80%
XYZ	40.9343, 37.2169, 30.2265
YIQ	166.2940, 34.5230, 7.6030

Conversions

Conversions Part 2

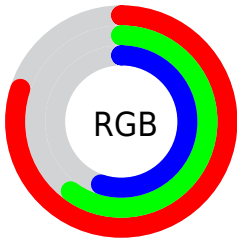
Format	Color
RYB	204, 154, 141
Decimal	13408397
CIELab	67.44, 17.94, 13.39
CIElCh	67, 22.385, 36.747
Yxy	37.2169, 0.3777, 0.3434
Android (android.graphics.Color)	4291598477 (0xFFCC988D)
YUV	166.2940, -12.4699, 33.0682
Hunter-Lab	61.0057, 13.0120, 13.3275

Details

The Yxy color **37.2169, 0.3777, 0.3434** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.1500, 0.2670, 0.3140**, and the grayscale version is **38.3325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3427, 0.3592, 0.3405**, and **16.3586, 0.3975, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **31.5839, 0.4081, 0.3482**, and if you desaturate by 10%, it is **43.7407, 0.3523, 0.3385**.

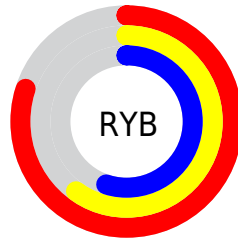
Distribution



Red (80%)

Green (60%)

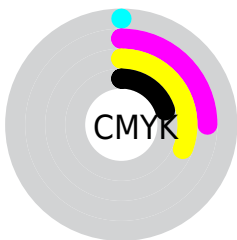
Blue (55%)



Red (80%)

Yellow (60%)

Blue (55%)

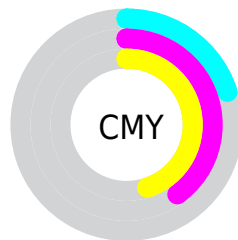


Cyan (0%)

Magenta (25%)

Yellow (31%)

Black (20%)



Cyan (20%)


Magenta (40%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.2169, 0.3777, 0.3434 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 37.2169, 0.3777, 0.3434 by changing the saturation by 10% instead.


 37.2169, 0.3777,
0.3434


 37.2169, 0.3777,
0.3434


334.2486, 0.3437,
0.3368

 25.3755, 0.3867,
0.3448


 70.9063, 0.3650,
0.3411

 16.3570, 0.3985,
0.3465


 93.5230, 0.3603,
0.3402

 9.7771, 0.4147,
0.3484


 120.5002, 0.3564,
0.3395

 5.2514, 0.4383,
0.3504

152.2224, 0.3531,
0.3388

 2.3955, 0.4751,
0.3516

189.0740, 0.3502,
0.3382

 0.8236, 0.6085,
0.3915

231.4393, 0.3478,

 0.0000, 1.0000,

0.3377

0.0000

279.7027, 0.3456,
0.3372

0.0000, 0.0000,
0.0000

37.2169, 0.3777,
0.3434

37.2169, 0.3777,
0.3434

31.5839, 0.4081,
0.3482

43.7407, 0.3523,
0.3385

26.7979, 0.4436,
0.3525

51.1862, 0.3313,
0.3338

22.8189, 0.4837,
0.3555

59.5895, 0.3141,
0.3294


19.6020, 0.5261,
0.3566


68.9830, 0.2998,
0.3253


17.0975, 0.5668,
0.3547

79.3976, 0.2881,
0.3216

 15.2497, 0.6007,
0.3497

 90.3105, 0.2826,
0.3268

 14.0759, 0.6229,
0.3436

 91.5748, 0.2827,
0.3289

Harmonies

Analogous

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



37.2169, 0.3592, 0.3157



37.2169, 0.3777, 0.3434



37.2169, 0.3775, 0.3693

Triad

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



37.2169, 0.3777, 0.3434



37.2169, 0.2954, 0.3708



37.2169, 0.2664, 0.2742

Complementary

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



37.2169, 0.3777, 0.3434



48.1500, 0.2670, 0.3140

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.



37.2169, 0.2515, 0.2851



37.2169, 0.3777, 0.3434



37.2169, 0.2675, 0.3408

Square

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



37.2169, 0.3777, 0.3434



37.2169, 0.3290, 0.3878



37.2169, 0.2518, 0.3089



37.2169, 0.2938, 0.2770

Rectangle

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



37.2169, 0.3777, 0.3434



37.2169, 0.3671, 0.3822



37.2169, 0.2518, 0.3089



37.2169, 0.2598, 0.2763

Sweetspot

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



37.2187, 0.3777, 0.3434



87.1155, 0.3281, 0.3330



35.7578, 0.3263, 0.2645



18.2274, 0.3308, 0.3337



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.



37.2187, 0.3777, 0.3434



55.3215, 0.3972, 0.3466



48.6206, 0.3661, 0.3817



11.5254, 0.3286, 0.3331



8.9574, 0.6209, 0.3452



0.5620, 0.5854, 0.3734

Inverse Universe

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



48.1500, 0.2670, 0.3140



76.2057, 0.2582, 0.3103



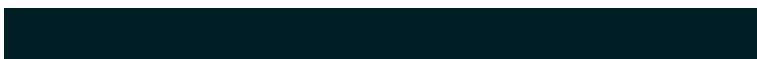
35.8614, 0.2619, 0.2699



12.3804, 0.2983, 0.3248



20.5719, 0.2091, 0.2727



1.1512, 0.2125, 0.2848

Previews

White Background



This preview shows how the Yxy color 37.2169, 0.3777, 0.3434 looks on a white background.

Color Contrast Check

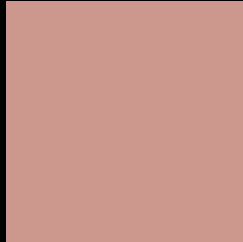
Large Text (above 18pt) WCAG AA × Fail

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 37.2169, 0.3777, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

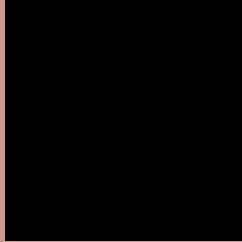
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2169, 0.3777, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 37.2169, 0.3777, 0.3434.



This preview shows how white text looks on a background with the Yxy color 37.2169, 0.3777, 0.3434.

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

37.2169, 0.3777, 0.3434

Protanopia

37.4282, 0.3356, 0.3533

Deuteranopia

37.1660, 0.3611, 0.3536



Tritanopia

37.1899, 0.3599, 0.3139

Trichromacy



Original Color

37.2169, 0.3777, 0.3434

Protanomaly

37.3763, 0.3505, 0.3498

Deuteranomaly

37.1397, 0.3669, 0.3506

Tritanomaly

37.1249, 0.3659, 0.3240

Monochromacy



Original Color

37.2169, 0.3777, 0.3434

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.6274, 0.3348, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2169, 0.3777, 0.3434 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(204, 152, 141)` looks like.

```
.text, #text, p{  
    color:rgb(204, 152, 141)  
}
```

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(204, 152, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 152, 141) }
```

Border

The CSS property to change the border of an element to Yxy 37.2169, 0.3777, 0.3434 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(204, 152, 141) }
```

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

```
.border{ border-color:rgb(204, 152, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 152, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 152, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 152, 141);  
box-shadow:4px 4px 4px 4px rgb(204, 152,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2169, 0.3777, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 152, 141) }
```

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

```
.background{ background-color: rgb(204,  
152, 141) }
```

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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