

Converting Colors

$Yxy(37.4202, 0.4035, 0.3786)$

Have a look what the booklet for
Yxy(37.4202, 0.4035, 0.3786)
contains.

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Color

Yxy(37.3513, 0.4034, 0.3778)

Conversions

Conversions Part 1

Format	Color
Hex	CD9A74
RGB	205, 154, 116
RGB Percent	80%, 60%, 45%
CMY	0.1961, 0.3960, 0.5451
CMYK	0.00, 0.25, 0.43, 0.20
HSL	26°, 47%, 63%
HSV	26°, 43%, 80%
XYZ	39.8823, 37.3513, 21.6317
YIQ	164.9170, 42.5940, -1.0060

Conversions

Conversions Part 2

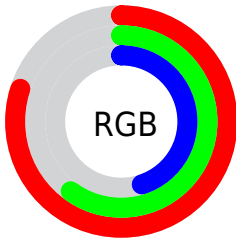
Format	Color
RYB	205, 182, 116
Decimal	13474420
CIELab	67.54, 14.24, 27.33
CIELCh	68, 30.821, 62.480
Yxy	37.3513, 0.4034, 0.3778
Android (android.graphics.Color)	4291664500 (0xFFCD9A74)
YUV	164.9170, -24.1161, 35.1528
Hunter-Lab	61.1157, 9.5312, 21.7955

Details

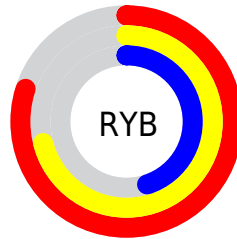
The Yxy color **37.3513, 0.4034, 0.3778** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.7509, 0.2450, 0.2734**, and the grayscale version is **37.6883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1989, 0.3795, 0.3706**, and **16.4953, 0.4318, 0.3901** is the 20% darker color. If you saturate the color by 10%, you get **33.2384, 0.4318, 0.3882**, and if you desaturate by 10%, it is **41.9523, 0.3777, 0.3664**.

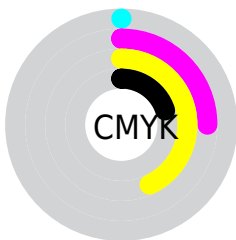
Distribution



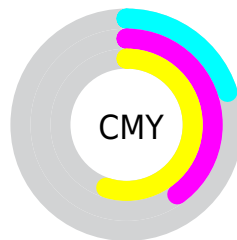
- Red (80%)
- Green (60%)
- Blue (45%)



- Red (80%)
- Yellow (71%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (43%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3513, 0.4034, 0.3778 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 37.3513, 0.4034, 0.3778 by changing the saturation by 10% instead.


 37.3513, 0.4034,
0.3778


 37.3513, 0.4034,
0.3778


334.8290, 0.3563,
0.3543


 25.4796, 0.4155,
0.3831


 71.1128, 0.3860,
0.3696

 16.4347, 0.4311,
0.3896


 93.7713, 0.3795,
0.3664

 9.8323, 0.4519,
0.3973


 120.7943, 0.3741,
0.3636

 5.2879, 0.4805,
0.4059

152.5660, 0.3695,
0.3613

 2.4172, 0.5375,
0.4266

189.4710, 0.3655,
0.3592

 0.8347, 0.5853,
0.4147

231.8935, 0.3621,

 0.0000, 1.0000,

0.3574

0.0000

280.2181, 0.3590,
0.3557

0.0000, 0.0000,
0.0000

37.3513, 0.4034,
0.3778

37.3513, 0.4034,
0.3778

33.2384, 0.4318,
0.3882

41.9523, 0.3777,
0.3664

29.5904, 0.4622,
0.3965

47.0528, 0.3550,
0.3548

26.3900, 0.4931,
0.4014


52.6704, 0.3351,
0.3434


23.6160, 0.5226,
0.4017


58.8202, 0.3180,
0.3325

21.2452, 0.5483,
0.3966

65.5167, 0.3032,
0.3224

 19.8836, 0.5631,
0.3911

 72.7736, 0.2905,
0.3131

 80.3113, 0.2820,
0.3091

 87.3056, 0.2828,
0.3216

 91.7172, 0.2832,
0.3289

Harmonies

Analogous

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



37.3513, 0.4003, 0.3417



37.3513, 0.4034, 0.3778



37.3513, 0.3807, 0.4050

Triad

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



37.3513, 0.4034, 0.3778



37.3513, 0.2554, 0.3513



37.3513, 0.2804, 0.2578

Complementary

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



37.3513, 0.4034, 0.3778



35.7509, 0.2450, 0.2734

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.



37.3513, 0.2459, 0.2559



37.3513, 0.4034, 0.3778



37.3513, 0.2323, 0.3060

Square

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



37.3513, 0.4034, 0.3778



37.3513, 0.2945, 0.3927



37.3513, 0.2291, 0.2720



37.3513, 0.3262, 0.2756

Rectangle

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



37.3513, 0.4034, 0.3778



37.3513, 0.3551, 0.4128



37.3513, 0.2291, 0.2720



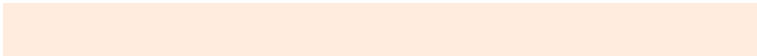
37.3513, 0.2672, 0.2553

Sweetspot

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



37.3531, 0.4034, 0.3778



86.5220, 0.3347, 0.3431



28.2931, 0.3589, 0.2639



18.0619, 0.3389, 0.3456



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.



37.3531, 0.4034, 0.3778



54.9297, 0.4296, 0.3875



54.4307, 0.3803, 0.4275



11.9883, 0.3280, 0.3389



12.5604, 0.5606, 0.3931



0.7975, 0.5264, 0.4202

Inverse Universe

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



35.7509, 0.2450, 0.2734



51.9416, 0.2314, 0.2590



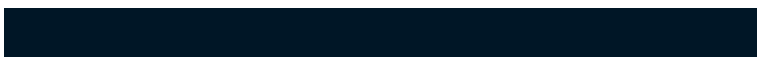
22.3910, 0.2337, 0.2064



11.8931, 0.2983, 0.3189



10.9203, 0.1845, 0.1840



0.7120, 0.1931, 0.2151

Previews

White Background



This preview shows how the Yxy color 37.3513, 0.4034, 0.3778 looks on a white background.

Color Contrast Check

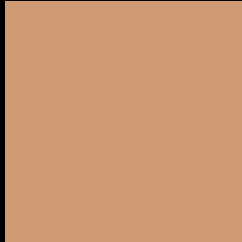
Large Text (above 18pt) WCAG AA × Fail

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 37.3513, 0.4034, 0.3778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

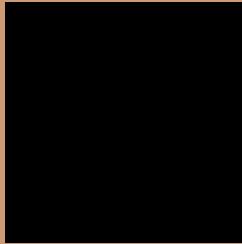
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3513, 0.4034, 0.3778

Background



This preview shows how black text looks on a background with the Yxy color 37.3513, 0.4034, 0.3778.



This preview shows how white text looks on a background with the Yxy color 37.3513, 0.4034, 0.3778.

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

37.3513, 0.4034, 0.3778

Protanopia

37.6379, 0.3643, 0.3913

Deuteranopia

37.4273, 0.3928, 0.3860



Tritanopia

37.2732, 0.3643, 0.3141

Trichromacy



Original Color

37.3513, 0.4034, 0.3778

Protanomaly

37.3864, 0.3782, 0.3866

Deuteranomaly

37.4939, 0.3965, 0.3841

Tritanomaly

37.2362, 0.3795, 0.3368

Monochromacy



Original Color

37.3513, 0.4034, 0.3778

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.2996, 0.3443, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3513, 0.4034, 0.3778 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(205, 154, 116)` looks like.

```
.text, #text, p{  
    color:rgb(205, 154, 116)  
}
```

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(205, 154, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 154, 116) }
```

Border

The CSS property to change the border of an element to Yxy 37.3513, 0.4034, 0.3778 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(205, 154, 116) }
```

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

```
.border{ border-color:rgb(205, 154, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 154, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 154, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 154, 116);  
box-shadow:4px 4px 4px 4px rgb(205, 154,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3513, 0.4034, 0.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 154, 116) }
```

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

```
.background{ background-color: rgb(205,  
154, 116) }
```

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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