

Converting Colors

$Yxy(37.2985, 0.4062, 0.3818)$

Have a look what the booklet for
Yxy(37.2985, 0.4062, 0.3818)
contains.

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Color

Yxy(37.2826, 0.4064, 0.3815)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CD9A71 |
| RGB | 205, 154, 113 |
| RGB Percent | 80%, 60%, 44% |
| CMY | 0.1960, 0.3961, 0.5568 |
| CMYK | 0.00, 0.25, 0.45, 0.20 |
| HSL | 27°, 48%, 62% |
| HSV | 27°, 45%, 80% |
| XYZ | 39.7160, 37.2826, 20.7278 |
| YIQ | 164.5750, 43.5570, -1.9390 |

Conversions

Conversions Part 2

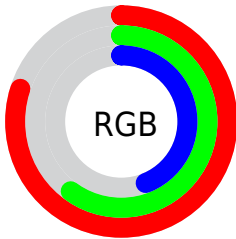
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 205, 187, 113 |
| Decimal | 13474417 |
| CIE Lab | 67.49, 13.94, 28.89 |
| CIE LCh | 67, 32.081, 64.243 |
| Yxy | 37.2826, 0.4064, 0.3815 |
| Android (android.graphics.Color) | 4291664497 (0xFFCD9A71) |
| YUV | 164.5750, -25.4265, 35.4527 |
| Hunter-Lab | 61.0595, 9.2508, 22.6146 |

Details

The Yxy color **37.2826, 0.4064, 0.3815** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.4782, 0.2424, 0.2686**, and the grayscale version is **37.5226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0884, 0.3818, 0.3737**, and **16.4602, 0.4357, 0.3947** is the 20% darker color. If you saturate the color by 10%, you get **33.2972, 0.4345, 0.3921**, and if you desaturate by 10%, it is **41.7312, 0.3807, 0.3697**.

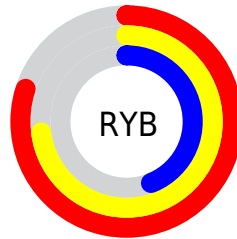
Distribution



Red (80%)

Green (60%)

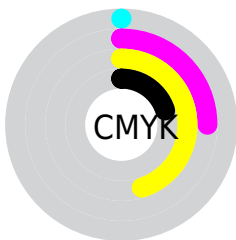
Blue (44%)



Red (80%)

Yellow (73%)

Blue (44%)

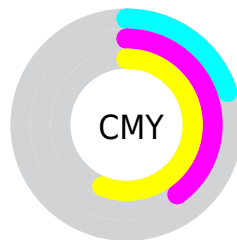


Cyan (0%)

Magenta (25%)

Yellow (45%)

Black (20%)



Cyan (20%)


Magenta (40%)


Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2826, 0.4064, 0.3815 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 37.2826, 0.4064, 0.3815 by changing the saturation by 10% instead.


 37.2826, 0.4064,
0.3815


 37.2826, 0.4064,
0.3815


334.5324, 0.3578,
0.3562

 25.4264, 0.4188,
0.3872


 71.0072, 0.3885,
0.3727

 16.3950, 0.4348,
0.3941


 93.6444, 0.3818,
0.3692

 9.8041, 0.4559,
0.4022


 120.6440, 0.3762,
0.3663

 5.2693, 0.4848,
0.4113

 152.3904, 0.3715,
0.3637

 2.4061, 0.5473,
0.4367

189.2681, 0.3673,
0.3615

 0.8290, 0.5836,
0.4164

231.6614, 0.3638,

 0.0000, 1.0000,

0.3595

0.0000

279.9547, 0.3606,
0.3578

0.0000, 0.0000,
0.0000

37.2826, 0.4064,
0.3815

37.2826, 0.4064,
0.3815

33.2972, 0.4345,
0.3921

41.7312, 0.3807,
0.3697

29.7528, 0.4643,
0.4004

46.6536, 0.3578,
0.3576

26.6328, 0.4942,
0.4051


52.0666, 0.3378,
0.3457

23.9173, 0.5224,
0.4050


57.9843, 0.3203,
0.3343

21.5836, 0.5466,
0.3995


64.4205, 0.3053,
0.3236

 20.5215, 0.5577,
0.3953

 71.3882, 0.2923,
0.3138

 78.8019, 0.2819,
0.3062

 85.4677, 0.2826,
0.3184

 91.7209, 0.2833,
0.3289

Harmonies

Analogous

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



37.2826, 0.4050, 0.3442



37.2826, 0.4064, 0.3815



37.2826, 0.3813, 0.4092

Triad

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



37.2826, 0.4064, 0.3815



37.2826, 0.2511, 0.3494



37.2826, 0.2816, 0.2558

Complementary

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



37.2826, 0.4064, 0.3815



34.4782, 0.2424, 0.2686

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.



37.2826, 0.2449, 0.2527



37.2826, 0.4064, 0.3815



37.2826, 0.2284, 0.3023

Square

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



37.2826, 0.4064, 0.3815



37.2826, 0.2909, 0.3935



37.2826, 0.2264, 0.2682



37.2826, 0.3296, 0.2751

Rectangle

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



37.2826, 0.4064, 0.3815



37.2826, 0.3540, 0.4166



37.2826, 0.2264, 0.2682



37.2826, 0.2677, 0.2528

Sweetspot

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



37.2844, 0.4064, 0.3815



86.8742, 0.3346, 0.3437



27.5149, 0.3630, 0.2636



18.1485, 0.3388, 0.3463



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.



37.2844, 0.4064, 0.3815



54.6517, 0.4340, 0.3919



54.9645, 0.3817, 0.4321



12.0227, 0.3279, 0.3394



12.9572, 0.5553, 0.3973



0.8190, 0.5222, 0.4236

Inverse Universe

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



34.4782, 0.2424, 0.2686



49.4505, 0.2279, 0.2524



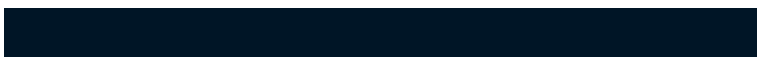
21.1471, 0.2303, 0.1992



11.8581, 0.2983, 0.3184



10.3814, 0.1827, 0.1776



0.6856, 0.1917, 0.2099

Previews

White Background



This preview shows how the Yxy color 37.2826, 0.4064, 0.3815 looks on a white background.

Color Contrast Check

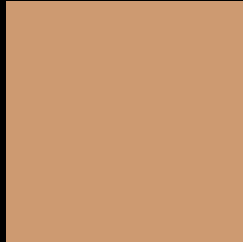
Large Text (above 18pt) WCAG AA × Fail

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 37.2826, 0.4064, 0.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

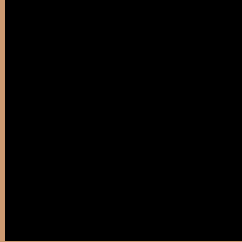
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2826, 0.4064, 0.3815

Background



This preview shows how black text looks on a background with the Yxy color 37.2826, 0.4064, 0.3815.



This preview shows how white text looks on a background with the Yxy color 37.2826, 0.4064, 0.3815.

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

37.2826, 0.4064, 0.3815

Protanopia

37.5417, 0.3679, 0.3969

Deuteranopia

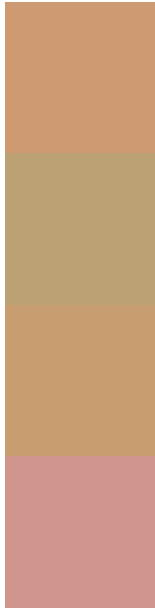
37.4939, 0.3968, 0.3896



Tritanopia

37.2383, 0.3653, 0.3153

Trichromacy



Original Color

37.2826, 0.4064, 0.3815

Protanomaly

37.3155, 0.3810, 0.3907

Deuteranomaly

37.5632, 0.4004, 0.3877

Tritanomaly

37.1756, 0.3816, 0.3394

Monochromacy



Original Color

37.2826, 0.4064, 0.3815

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.2684, 0.3452, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2826, 0.4064, 0.3815 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, 113)` looks like.

```
.text, #text, p{  
    color:rgb(205, 154, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 154, 113) }
```

Border

The CSS property to change the border of an element to Yxy 37.2826, 0.4064, 0.3815 is called "border". The border property can be set on classes, ids or directly on the HTML element.

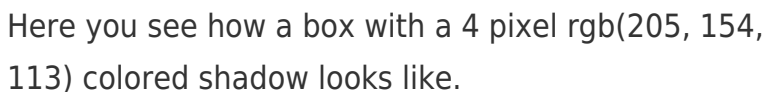
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 154, 113) }
```

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

```
.border{ border-color:rgb(205, 154, 113) }
```

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, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 154, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 154, 113); box-shadow:4px 4px 4px 4px rgb(205, 154, 113) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2826, 0.4064, 0.3815 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, 113) }
```

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

```
.background{ background-color: rgb(205,  
154, 113) }
```

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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