

Converting Colors

$Yxy(37.9637, 0.4145, 0.3800)$

Have a look what the booklet for
Yxy(37.9637, 0.4145, 0.3800)
contains.

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Color

Yxy(37.9494, 0.4151, 0.3799)

Conversions

Conversions Part 1

Format	Color
Hex	D49970
RGB	212, 153, 112
RGB Percent	83%, 60%, 44%
CMY	0.1687, 0.4000, 0.5607
CMYK	0.00, 0.28, 0.47, 0.17
HSL	25°, 54%, 64%
HSV	25°, 47%, 83%
XYZ	41.4656, 37.9494, 20.4781
YIQ	165.9670, 48.3250, -0.2430

Conversions

Conversions Part 2

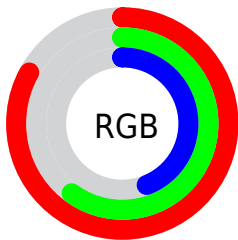
Format	Color
R _Y B	212, 181, 112
Decimal	13932912
CIE Lab	67.98, 17.22, 30.21
CIE LCh	68, 34.773, 60.318
Yxy	37.9494, 0.4151, 0.3799
Android (android.graphics.Color)	4292122992 (0xFFD49970)
YUV	165.9670, -26.6057, 40.3709
Hunter-Lab	61.6031, 12.3447, 23.4130

Details

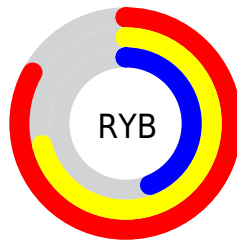
The Yxy color **37.9494, 0.4151, 0.3799** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.3289, 0.2397, 0.2701**, and the grayscale version is **38.2319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5660, 0.3829, 0.3737**, and **16.8302, 0.4464, 0.3920** is the 20% darker color. If you saturate the color by 10%, you get **33.6506, 0.4451, 0.3892**, and if you desaturate by 10%, it is **42.7923, 0.3878, 0.3692**.

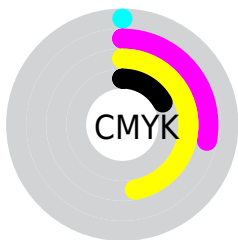
Distribution



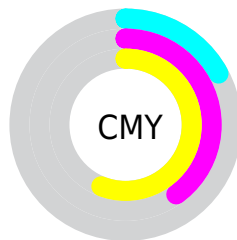
- Red (83%)
- Green (60%)
- Blue (44%)



- Red (83%)
- Yellow (71%)
- Blue (44%)



- Cyan (0%)
- Magenta (28%)
- Yellow (47%)
- Black (17%)




- Cyan (17%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.9494, 0.4151, 0.3799 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 37.9494, 0.4151, 0.3799 by changing the saturation by 10% instead.


 37.9494, 0.4151,
0.3799

 37.9494, 0.4151,
0.3799


337.4029, 0.3622,
0.3560


 25.9434, 0.4286,
0.3851


 72.0306, 0.3956,
0.3717


 16.7813, 0.4458,
0.3911

 94.8746, 0.3884,
0.3685

 10.0787, 0.4686,
0.3979


 122.1000, 0.3822,
0.3657

 5.4512, 0.4993,
0.4047

 154.0913, 0.3770,
0.3632

 2.5143, 0.5648,
0.4258

191.2328, 0.3726,
0.3611

 0.8838, 0.6014,
0.3986

233.9090, 0.3686,

 0.0000, 1.0000,

0.3592

0.0000

282.5042, 0.3652,
0.3575


 0.0000, 0.0000,
0.0000


 37.9494, 0.4151,
0.3799

 37.9494, 0.4151,
0.3799


 33.6506, 0.4451,
0.3892


 42.7923, 0.3878,
0.3692


 29.8693, 0.4767,
0.3960

 48.1935, 0.3636,
0.3580


 26.5846, 0.5083,
0.3989


 54.1735, 0.3424,
0.3469

 23.7713, 0.5374,
0.3968

 60.7499, 0.3242,
0.3362


 21.4000, 0.5619,
0.3894

 67.9396, 0.3085,
0.3262

 20.7961, 0.5684,
0.3869

 75.7588, 0.2950,
0.3170

 83.8687, 0.2864,
0.3139

 91.5120, 0.2871,
0.3270

 92.7349, 0.2872,
0.3289

Harmonies

Analogous

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



37.9494, 0.4097, 0.3394



37.9494, 0.4151, 0.3799



37.9494, 0.3911, 0.4121

Triad

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



37.9494, 0.4151, 0.3799



37.9494, 0.2512, 0.3578



37.9494, 0.2731, 0.2493

Complementary

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



37.9494, 0.4151, 0.3799



37.3289, 0.2397, 0.2701

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.



37.9494, 0.2363, 0.2482



37.9494, 0.4151, 0.3799



37.9494, 0.2243, 0.3060

Square

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



37.9494, 0.4151, 0.3799



37.9494, 0.2955, 0.4038



37.9494, 0.2194, 0.2671



37.9494, 0.3237, 0.2678

Rectangle

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



37.9494, 0.4151, 0.3799



37.9494, 0.3630, 0.4228



37.9494, 0.2194, 0.2671



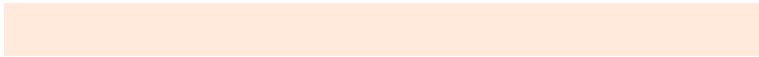
37.9494, 0.2589, 0.2468

Sweetspot

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



37.9512, 0.4151, 0.3799



85.1993, 0.3367, 0.3436



28.5694, 0.3627, 0.2565



17.7831, 0.3408, 0.3460



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.



37.9512, 0.4151, 0.3799



50.8427, 0.4465, 0.3896



57.4020, 0.3869, 0.4338



13.2486, 0.3281, 0.3386



13.0267, 0.5659, 0.3889



0.9464, 0.5347, 0.4136

Inverse Universe

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



37.3289, 0.2397, 0.2701



49.7277, 0.2251, 0.2542



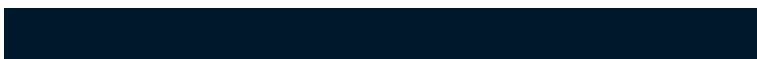
22.1258, 0.2262, 0.1960



13.2144, 0.2982, 0.3192



12.2047, 0.1860, 0.1896



0.8972, 0.1934, 0.2162

Previews

White Background



This preview shows how the Yxy color 37.9494, 0.4151, 0.3799 looks on a white background.

Color Contrast Check

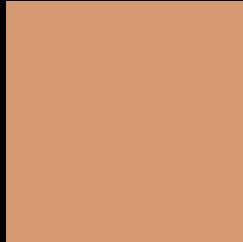
Large Text (above 18pt) WCAG AA × Fail

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 37.9494, 0.4151, 0.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

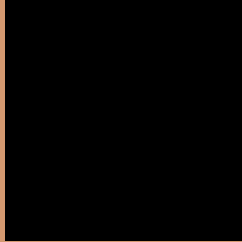
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9494, 0.4151, 0.3799

Background



This preview shows how black text looks on a background with the Yxy color 37.9494, 0.4151, 0.3799.



This preview shows how white text looks on a background with the Yxy color 37.9494, 0.4151, 0.3799.

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

37.9494, 0.4151, 0.3799

Protanopia

38.1405, 0.3695, 0.3977

Deuteranopia

38.0861, 0.3992, 0.3916



Tritanopia

37.9350, 0.3739, 0.3157

Trichromacy



Original Color

37.9494, 0.4151, 0.3799

Protanomaly

37.8039, 0.3861, 0.3910

Deuteranomaly

38.0990, 0.4055, 0.3879

Tritanomaly

37.8651, 0.3903, 0.3391

Monochromacy



Original Color

37.9494, 0.4151, 0.3799

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.6323, 0.3482, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9494, 0.4151, 0.3799 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(212, 153, 112)` looks like.

```
.text, #text, p{  
    color:rgb(212, 153, 112)  
}
```

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(212, 153, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 153, 112) }
```

Border

The CSS property to change the border of an element to Yxy 37.9494, 0.4151, 0.3799 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(212, 153, 112) }
```

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

```
.border{ border-color:rgb(212, 153, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 153, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 153, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 153, 112);  
box-shadow:4px 4px 4px 4px rgb(212, 153,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9494, 0.4151, 0.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 153, 112) }
```

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

```
.background{ background-color: rgb(212,  
153, 112) }
```

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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