

Converting Colors

$Yxy(37.1026, 0.4441, 0.4197)$

Have a look what the booklet for
Yxy(37.1026, 0.4441, 0.4197)
contains.

Yxy(37.0199, 0.4446, 0.4187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(37.0199, 0.4446, 0.4187)

Conversions

Conversions Part 1

Format	Color
Hex	D2994D
RGB	210, 153, 77
RGB Percent	82%, 60%, 30%
CMY	0.1764, 0.4000, 0.6982
CMYK	0.00, 0.27, 0.63, 0.18
HSL	34°, 60%, 56%
HSV	34°, 63%, 82%
XYZ	39.3099, 37.0199, 12.0865
YIQ	161.3790, 58.3680, -11.5520

Conversions

Conversions Part 2

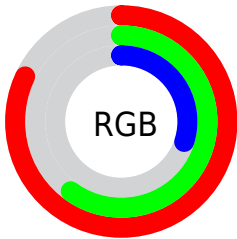
Format	Color
RYB	177, 210, 77
Decimal	13801805
CIELab	67.29, 13.51, 47.49
CIELCh	67, 49.372, 74.119
Yxy	37.0199, 0.4446, 0.4187
Android (android.graphics.Color)	4291991885 (0xFFD2994D)
YUV	161.3790, -41.5988, 42.6406
Hunter-Lab	60.8440, 8.8477, 30.8130

Details

The Yxy color **37.0199, 0.4446, 0.4187** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **23.2695, 0.2096, 0.2102**, and the grayscale version is **36.0027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4442, 0.4093, 0.4093**, and **16.2527, 0.4794, 0.4356** is the 20% darker color. If you saturate the color by 10%, you get **33.9363, 0.4686, 0.4267**, and if you desaturate by 10%, it is **40.4251, 0.4201, 0.4072**.

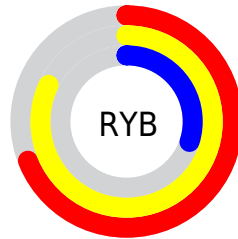
Distribution



Red (82%)

Green (60%)

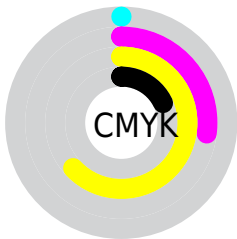
Blue (30%)



Red (69%)

Yellow (82%)

Blue (30%)

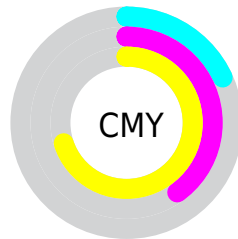


Cyan (0%)

Magenta (27%)

Yellow (63%)

Black (18%)



Cyan (18%)


Magenta (40%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0199, 0.4446, 0.4187 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 37.0199, 0.4446, 0.4187 by changing the saturation by 10% instead.


 37.0199, 0.4446,
0.4187


 37.0199, 0.4446,
0.4187


333.3967, 0.3784,
0.3772


 25.2229, 0.4601,
0.4269


 70.6034, 0.4211,
0.4050


 16.2432, 0.4788,
0.4357


 93.1587, 0.4120,
0.3994

 9.6964, 0.5012,
0.4442


 120.0688, 0.4043,
0.3945

 5.1981, 0.5396,
0.4604

 151.7183, 0.3976,
0.3902

 2.3640, 0.5546,
0.4454

 188.4914, 0.3919,
0.3864

 0.8073, 0.5819,
0.4181

230.7725, 0.3868,

 0.0000, 1.0000,

0.3830

0.0000

278.9462, 0.3823,
0.3800

0.0000, 0.0000,
0.0000

37.0199, 0.4446,
0.4187

37.0199, 0.4446,
0.4187

33.9363, 0.4686,
0.4267

40.4251, 0.4201,
0.4072

31.1542, 0.4908,
0.4301

44.1593, 0.3962,
0.3934

28.6588, 0.5098,
0.4282

48.2364, 0.3737,
0.3784

27.1434, 0.5209,
0.4246

52.6676, 0.3531,
0.3631

57.4634, 0.3344,
0.3481

■ 62.6338, 0.3178,
0.3337

■ 68.1883, 0.3032,
0.3201

■ 74.1360, 0.2903,
0.3075

■ 79.7591, 0.2849,
0.3069

Harmonies

Analogous

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



37.0199, 0.4601, 0.3650



37.0199, 0.4446, 0.4187



37.0199, 0.3935, 0.4586

Triad

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



37.0199, 0.4446, 0.4187



37.0199, 0.2059, 0.3328



37.0199, 0.2867, 0.2293

Complementary

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



37.0199, 0.4446, 0.4187



23.2695, 0.2096, 0.2102

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.



37.0199, 0.2266, 0.2159



37.0199, 0.4446, 0.4187



37.0199, 0.1846, 0.2654

Square

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



37.0199, 0.4446, 0.4187



37.0199, 0.2555, 0.4114



37.0199, 0.1920, 0.2266



37.0199, 0.3625, 0.2628

Rectangle

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



37.0199, 0.4446, 0.4187



37.0199, 0.3482, 0.4661



37.0199, 0.1920, 0.2266



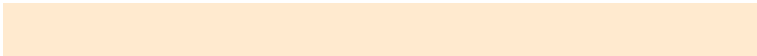
37.0199, 0.2642, 0.2224

Sweetspot

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



37.0217, 0.4446, 0.4187



84.7264, 0.3451, 0.3568



20.7431, 0.4232, 0.2615



17.6825, 0.3506, 0.3612



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.



37.0217, 0.4446, 0.4187



51.0915, 0.4767, 0.4285



59.0697, 0.3930, 0.4785



12.9138, 0.3276, 0.3423



16.7587, 0.5190, 0.4261



1.0929, 0.4959, 0.4445

Inverse Universe

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



23.2695, 0.2096, 0.2102



28.2357, 0.1914, 0.1802



11.9256, 0.1960, 0.1291



12.2387, 0.2982, 0.3154



7.4870, 0.1711, 0.1360



0.5747, 0.1812, 0.1722

Previews

White Background



This preview shows how the Yxy color 37.0199, 0.4446, 0.4187 looks on a white background.

Color Contrast Check

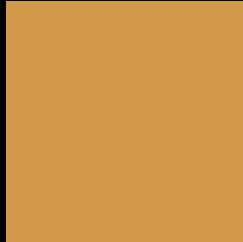
Large Text (above 18pt) WCAG AA × Fail

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 37.0199, 0.4446, 0.4187 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 37.0199, 0.4446, 0.4187

Background



This preview shows how black text looks on a background with the Yxy color 37.0199, 0.4446, 0.4187.



This preview shows how white text looks on a background with the Yxy color 37.0199, 0.4446, 0.4187.

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

37.0199, 0.4446, 0.4187

Protanopia

37.0901, 0.4040, 0.4400

Deuteranopia

36.9952, 0.4357, 0.4262



Tritanopia

36.9120, 0.3781, 0.3157

Trichromacy



Original Color

37.0199, 0.4446, 0.4187

Protanomaly

36.9273, 0.4181, 0.4318

Deuteranomaly

37.0863, 0.4396, 0.4237

Tritanomaly

36.6959, 0.4052, 0.3541

Monochromacy



Original Color

37.0199, 0.4446, 0.4187

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.6491, 0.3605, 0.3688

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0199, 0.4446, 0.4187 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(210, 153, 77)` looks like.

```
.text, #text, p{  
    color:rgb(210, 153, 77)  
}
```

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(210, 153, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 153, 77) }
```

Border

The CSS property to change the border of an element to Yxy 37.0199, 0.4446, 0.4187 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(210, 153, 77) }
```

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

```
.border{ border-color:rgb(210, 153, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 153, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 153, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 153, 77);  
box-shadow:4px 4px 4px 4px rgb(210, 153,  
77) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 37.0199, 0.4446, 0.4187$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 153, 77) }
```

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

```
.background{ background-color: rgb(210,  
153, 77) }
```

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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