

Converting Colors

$Yxy(47.4528, 0.4333, 0.3900)$

Have a look what the booklet for
Yxy(47.4528, 0.4333, 0.3900)
contains.

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Color

Yxy(47.3104, 0.4337, 0.3899)

Conversions

Conversions Part 1

Format	Color
Hex	F0A76F
RGB	240, 167, 111
RGB Percent	94%, 65%, 44%
CMY	0.0588, 0.3451, 0.5646
CMYK	0.00, 0.30, 0.54, 0.06
HSL	26°, 81%, 69%
HSV	26°, 54%, 94%
XYZ	52.6251, 47.3104, 21.4043
YIQ	182.4430, 61.4840, -1.9400

Conversions

Conversions Part 2

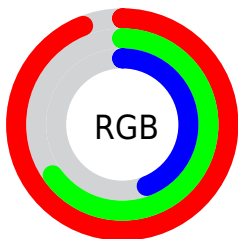
Format	Color
R _Y B	240, 210, 111
Decimal	15771503
CIE Lab	74.39, 20.97, 39.55
CIE LCh	74, 44.765, 62.070
Yxy	47.3104, 0.4337, 0.3899
Android (android.graphics.Color)	4293961583 (0xFFFF0A76F)
YUV	182.4430, -35.2214, 50.4775
Hunter-Lab	68.7826, 16.1997, 29.6974

Details

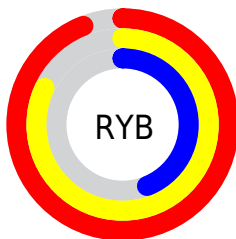
The Yxy color **47.3104, 0.4337, 0.3899** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **43.9646, 0.2289, 0.2552**, and the grayscale version is **47.2067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1829, 0.3775, 0.3884**, and **22.4330, 0.4653, 0.4006** is the 20% darker color. If you saturate the color by 10%, you get **42.1343, 0.4642, 0.3982**, and if you desaturate by 10%, it is **53.1560, 0.4051, 0.3794**.

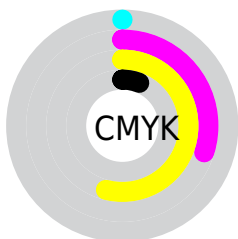
Distribution



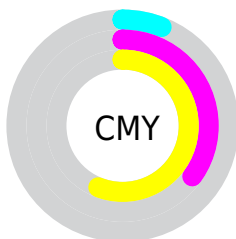
- Red (94%)
- Green (65%)
- Blue (44%)



- Red (94%)
- Yellow (82%)
- Blue (44%)



- Cyan (0%)
- Magenta (30%)
- Yellow (54%)
- Black (6%)





- Cyan (6%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3104, 0.4337, 0.3899 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 47.3104, 0.4337, 0.3899 by changing the saturation by 10% instead.


 47.3104, 0.4337,
0.3899


 47.3104, 0.4337,
0.3899


376.0522, 0.3739,
0.3632


 33.2811, 0.4479,
0.3951


 86.1768, 0.4124,
0.3812


 22.3419, 0.4655,
0.4008


 111.7826, 0.4042,
0.3777

 14.1083, 0.4877,
0.4067

 142.0161, 0.3973,
0.3745

 8.1960, 0.5159,
0.4117

 177.2617, 0.3913,
0.3717

 4.2206, 0.5621,
0.4205

217.9037, 0.3861,
0.3692

 1.7977, 0.5974,
0.4026

264.3265, 0.3815,

 0.4858, 0.6687,

0.3670

0.3313

316.9145, 0.3775,
0.3650

0.0000, 0.0000,
0.0000

47.3104, 0.4337,
0.3899

47.3104, 0.4337,
0.3899

42.1343, 0.4642,
0.3982

53.1560, 0.4051,
0.3794

37.5930, 0.4950,
0.4029

59.6898, 0.3791,
0.3678

33.6585, 0.5241,
0.4028

66.9384, 0.3561,
0.3558

30.2965, 0.5492,
0.3972

74.9244, 0.3360,
0.3441

28.4592, 0.5626,
0.3915

83.6697, 0.3186,
0.3330

■ 93.1930, 0.3036,
0.3226

■ 97.2658, 0.3035,
0.3290

Harmonies

Analogous

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



47.3104, 0.4303, 0.3426



47.3104, 0.4337, 0.3899



47.3104, 0.4023, 0.4286

Triad

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



47.3104, 0.4337, 0.3899



47.3104, 0.2369, 0.3594



47.3104, 0.2685, 0.2365

Complementary

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



47.3104, 0.4337, 0.3899



43.9646, 0.2289, 0.2552

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.



47.3104, 0.2246, 0.2334



47.3104, 0.4337, 0.3899



47.3104, 0.2077, 0.2971

Square

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



47.3104, 0.4337, 0.3899



47.3104, 0.2878, 0.4175



47.3104, 0.2038, 0.2531



47.3104, 0.3291, 0.2590

Rectangle

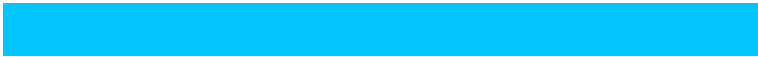
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.3104, 0.4337, 0.3899



47.3104, 0.3680, 0.4419



47.3104, 0.2038, 0.2531



47.3104, 0.2515, 0.2331

Sweetspot

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



47.3127, 0.4337, 0.3899



83.7864, 0.3404, 0.3468



33.3660, 0.3785, 0.2512



17.5224, 0.3444, 0.3492



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.



47.3127, 0.4337, 0.3899



48.0924, 0.4656, 0.3985



77.0526, 0.3949, 0.4508



16.8873, 0.3282, 0.3393



15.8321, 0.5599, 0.3937



1.5113, 0.5369, 0.4119

Inverse Universe

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



43.9646, 0.2289, 0.2552



43.8367, 0.2148, 0.2377



23.0157, 0.2109, 0.1676



16.7135, 0.2980, 0.3185



13.3277, 0.1835, 0.1804



1.3062, 0.1894, 0.2018

Previews

White Background



This preview shows how the Yxy color 47.3104, 0.4337, 0.3899 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 47.3104, 0.4337, 0.3899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

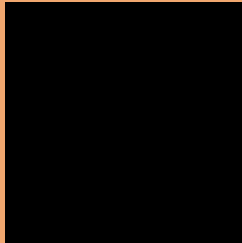
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3104, 0.4337, 0.3899

Background



This preview shows how black text looks on a background with the Yxy color 47.3104, 0.4337, 0.3899.



This preview shows how white text looks on a background with the Yxy color 47.3104, 0.4337, 0.3899.

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

47.3104, 0.4337, 0.3899

Protanopia

47.4307, 0.3821, 0.4122

Deuteranopia

47.4520, 0.4146, 0.4054



Tritanopia

47.1490, 0.3849, 0.3161

Trichromacy



Original Color

47.3104, 0.4337, 0.3899

Protanomaly

47.1292, 0.4010, 0.4034

Deuteranomaly

47.2889, 0.4212, 0.3993

Tritanomaly

47.0653, 0.4038, 0.3436

Monochromacy



Original Color

47.3104, 0.4337, 0.3899

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.5411, 0.3541, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3104, 0.4337, 0.3899 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(240, 167, 111)` looks like.

```
.text, #text, p{  
    color:rgb(240, 167, 111)  
}
```

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(240, 167, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 167, 111) }
```

Border

The CSS property to change the border of an element to Yxy 47.3104, 0.4337, 0.3899 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(240, 167, 111) }
```

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

```
.border{ border-color:rgb(240, 167, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 167, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 167, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 167, 111);  
box-shadow:4px 4px 4px 4px rgb(240, 167,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3104, 0.4337, 0.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 167, 111) }
```

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

```
.background{ background-color: rgb(240,  
167, 111) }
```

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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