

Converting Colors

$Y_{xy}(37.2893, 0.4367, 0.3668)$

Have a look what the booklet for
Yxy(37.2893, 0.4367, 0.3668)
contains.

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Color

Yxy(37.4251, 0.4371, 0.3674)

Conversions

Conversions Part 1

Format	Color
Hex	E3906F
RGB	227, 144, 111
RGB Percent	89%, 56%, 44%
CMY	0.1097, 0.4353, 0.5647
CMYK	0.00, 0.37, 0.51, 0.11
HSL	17°, 67%, 66%
HSV	17°, 51%, 89%
XYZ	44.5251, 37.4251, 19.9146
YIQ	165.0550, 60.0610, 7.3330

Conversions

Conversions Part 2

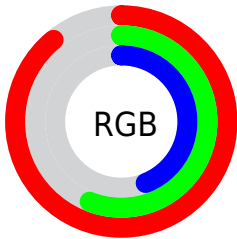
Format	Color
R _Y B	227, 157, 111
Decimal	14913647
CIE Lab	67.59, 28.00, 30.60
CIE LCh	68, 41.478, 47.542
Yxy	37.4251, 0.4371, 0.3674
Android (android.graphics.Color)	4293103727 (0xFFE3906F)
YUV	165.0550, -26.6491, 54.3258
Hunter-Lab	61.1761, 22.8575, 23.5227

Details

The Yxy color **37.4251, 0.4371, 0.3674** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.5176, 0.2378, 0.2845**, and the grayscale version is **37.7641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2925, 0.3870, 0.3657**, and **16.5124, 0.4736, 0.3731** is the 20% darker color. If you saturate the color by 10%, you get **32.4171, 0.4732, 0.3728**, and if you desaturate by 10%, it is **43.2720, 0.4045, 0.3603**.

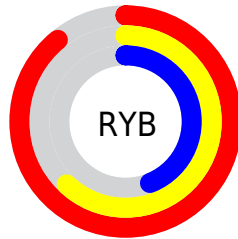
Distribution



Red (89%)

Green (56%)

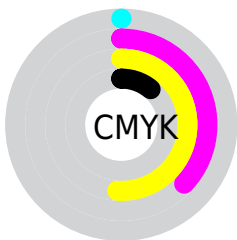
Blue (44%)



Red (89%)

Yellow (62%)

Blue (44%)

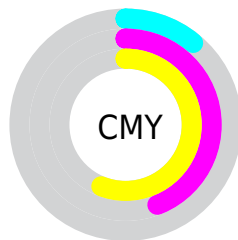


Cyan (0%)

Magenta (37%)

Yellow (51%)

Black (11%)



Cyan (11%)

Magenta (44%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4251, 0.4371, 0.3674 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 37.4251, 0.4371, 0.3674 by changing the saturation by 10% instead.


 37.4251, 0.4371,
0.3674


 37.4251, 0.4371,
0.3674


335.1473, 0.3725,
0.3510


 25.5368, 0.4536,
0.3703


 71.2261, 0.4133,
0.3623

 16.4774, 0.4747,
0.3731


 93.9076, 0.4044,
0.3601

 9.8626, 0.5026,
0.3752


 120.9556, 0.3969,
0.3581

 5.3080, 0.5403,
0.3747

 152.7546, 0.3906,
0.3564

 2.4291, 0.6176,
0.3824

189.6888, 0.3851,
0.3548

 0.8408, 0.6637,
0.3363

232.1427, 0.3804,


 0.0000, 1.0000,


0.3534


0.0000

280.5008, 0.3762,
0.3521


 0.0000, 0.0000,
0.0000

 37.4251, 0.4371,
0.3674


 37.4251, 0.4371,
0.3674


 32.4171, 0.4732,
0.3728

 43.2720, 0.4045,
0.3603


 28.2023, 0.5112,
0.3755

 49.9893, 0.3762,
0.3525


 24.7393, 0.5481,
0.3742

 57.6136, 0.3520,
0.3446

 21.9796, 0.5799,
0.3683

 66.1776, 0.3316,
0.3370

 20.0654, 0.6021,
0.3601

 75.7125, 0.3144,
0.3298

■ 86.2480, 0.3001,
0.3231

■ 95.0738, 0.2958,
0.3290

Harmonies

Analogous

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



37.4251, 0.4152, 0.3197



37.4251, 0.4371, 0.3674



37.4251, 0.4214, 0.4119

Triad

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



37.4251, 0.4371, 0.3674



37.4251, 0.2593, 0.3902



37.4251, 0.2445, 0.2322

Complementary

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



37.4251, 0.4371, 0.3674



47.5176, 0.2378, 0.2845

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.



37.4251, 0.2114, 0.2398



37.4251, 0.4371, 0.3674



37.4251, 0.2186, 0.3259

Square

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



37.4251, 0.4371, 0.3674



37.4251, 0.3169, 0.4352



37.4251, 0.2023, 0.2713



37.4251, 0.2983, 0.2458

Rectangle

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



37.4251, 0.4371, 0.3674



37.4251, 0.3938, 0.4337



37.4251, 0.2023, 0.2713



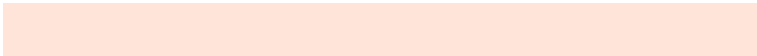
37.4251, 0.2309, 0.2322

Sweetspot

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



37.4270, 0.4371, 0.3674



81.5400, 0.3393, 0.3400



31.6035, 0.3531, 0.2368



16.9471, 0.3436, 0.3416



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.



37.4270, 0.4371, 0.3674



42.0234, 0.4743, 0.3730



59.6661, 0.4005, 0.4295



15.0322, 0.3285, 0.3357



11.8720, 0.5995, 0.3622



1.0317, 0.5707, 0.3850

Inverse Universe

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



47.5176, 0.2378, 0.2845



56.3656, 0.2258, 0.2738



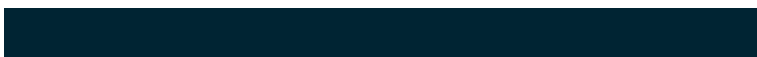
26.5725, 0.2214, 0.2012



15.6072, 0.2981, 0.3222



18.6021, 0.1983, 0.2339



1.5309, 0.2026, 0.2495

Previews

White Background



This preview shows how the Yxy color 37.4251, 0.4371, 0.3674 looks on a white background.

Color Contrast Check

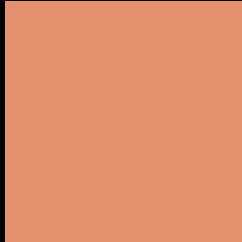
Large Text (above 18pt) WCAG AA × Fail

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 37.4251, 0.4371, 0.3674 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 37.4251, 0.4371, 0.3674

Background



This preview shows how black text looks on a background with the Yxy color 37.4251, 0.4371, 0.3674.



This preview shows how white text looks on a background with the Yxy color 37.4251, 0.4371, 0.3674.

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

37.4251, 0.4371, 0.3674

Protanopia

37.6134, 0.3652, 0.3927

Deuteranopia

37.5422, 0.4016, 0.3944



Tritanopia

37.4582, 0.4010, 0.3177

Trichromacy



Original Color

37.4251, 0.4371, 0.3674

Protanomaly

37.0004, 0.3904, 0.3824

Deuteranomaly

37.4419, 0.4150, 0.3842

Tritanomaly

37.4570, 0.4149, 0.3363

Monochromacy



Original Color

37.4251, 0.4371, 0.3674

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.8496, 0.3554, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4251, 0.4371, 0.3674 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(227, 144, 111)` looks like.

```
.text, #text, p{  
    color:rgb(227, 144, 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(227, 144, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 144, 111) }
```

Border

The CSS property to change the border of an element to Yxy 37.4251, 0.4371, 0.3674 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(227, 144, 111) }
```

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

```
.border{ border-color:rgb(227, 144, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 144, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 144, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 144, 111);  
box-shadow:4px 4px 4px 4px rgb(227, 144,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4251, 0.4371, 0.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 144, 111) }
```

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

```
.background{ background-color: rgb(227,  
144, 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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