

Converting Colors

Yxy(37.2036, 0.3669, 0.3699)

Have a look what the booklet for
Yxy(37.2036, 0.3669, 0.3699)
contains.

Yxy(37.1924, 0.3670, 0.3705)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.1924, 0.3670, 0.3705)

Conversions

Conversions Part 1

Format	Color
Hex	BAA082
RGB	186, 160, 130
RGB Percent	73%, 63%, 51%
CMY	0.2708, 0.3725, 0.4902
CMYK	0.00, 0.14, 0.30, 0.27
HSL	32°, 29%, 62%
HSV	32°, 30%, 73%
XYZ	36.8411, 37.1924, 26.3509
YIQ	164.3540, 25.1260, -3.8180

Conversions

Conversions Part 2

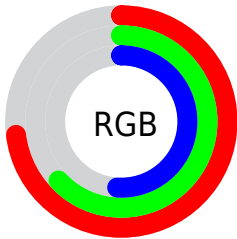
Format	Color
RYB	179, 186, 130
Decimal	12230786
CIELab	67.42, 4.99, 19.19
CIELCh	67, 19.831, 75.440
Yxy	37.1924, 0.3670, 0.3705
Android (android.graphics.Color)	4290420866 (0xFFBAA082)
YUV	164.3540, -16.9365, 18.9835
Hunter-Lab	60.9856, 1.1061, 17.0716

Details

The Yxy color **37.1924, 0.3670, 0.3705** is a light color, and the websafe version is hex **999966**. A complement of this color would be **32.0385, 0.2649, 0.2835**, and the grayscale version is **37.3736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0745, 0.3567, 0.3631**, and **16.4220, 0.3844, 0.3842** is the 20% darker color. If you saturate the color by 10%, you get **33.8538, 0.3894, 0.3847**, and if you desaturate by 10%, it is **40.8318, 0.3468, 0.3562**.

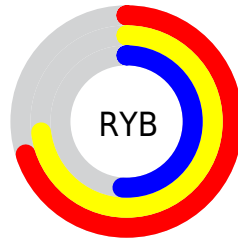
Distribution



Red (73%)

Green (63%)

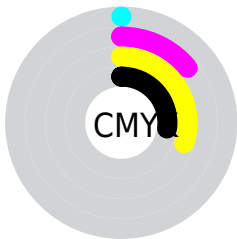
Blue (51%)



Red (70%)

Yellow (73%)

Blue (51%)

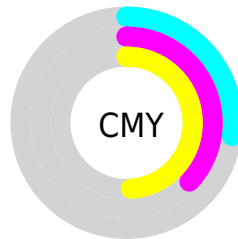


Cyan (0%)

Magenta (14%)

Yellow (30%)

Black (27%)



Cyan (27%)


Magenta (37%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1924, 0.3670, 0.3705 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 37.1924, 0.3670, 0.3705 by changing the saturation by 10% instead.


 37.1924, 0.3670,
0.3705

 37.1924, 0.3670,
0.3705


334.1428, 0.3388,
0.3494


 25.3565, 0.3743,
0.3758


 70.8686, 0.3565,
0.3628

 16.3429, 0.3839,
0.3826


 93.4777, 0.3527,
0.3599

 9.7671, 0.3969,
0.3916


 120.4466, 0.3494,
0.3575

 5.2448, 0.4153,
0.4038

152.1598, 0.3467,
0.3554

 2.3916, 0.4442,
0.4220

189.0016, 0.3443,
0.3536

 0.8216, 0.5239,
0.4761

231.3564, 0.3422,

 0.0000, 0.0000,

0.3520

0.0000

279.6087, 0.3404,
0.3506

■ 37.1924, 0.3670,
0.3705

■ 37.1924, 0.3670,
0.3705

■ 33.8538, 0.3894,
0.3847

■ 40.8318, 0.3468,
0.3562

■ 30.8018, 0.4136,
0.3981

■ 44.7753, 0.3288,
0.3423

■ 28.0285, 0.4390,
0.4098

■ 49.0329, 0.3129,
0.3291

■ 25.5235, 0.4648,
0.4185

■ 53.6122, 0.2989,
0.3168

■ 23.2755, 0.4893,
0.4230

■ 58.5208, 0.2867,
0.3054

■ 21.2718, 0.5113,
0.4224

■ 63.7658, 0.2759,
0.2949

■ 19.5078, 0.5300,
0.4173

■ 69.0176, 0.2693,
0.2905

■ 73.6671, 0.2703,
0.3003

■ 78.5533, 0.2712,
0.3099

Harmonies

Analogous

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



37.1924, 0.3720, 0.3492



37.1924, 0.3670, 0.3705



37.1924, 0.3472, 0.3818

Triad

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



37.1924, 0.3670, 0.3705



37.1924, 0.2672, 0.3311



37.1924, 0.3046, 0.2854

Complementary

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



37.1924, 0.3670, 0.3705



32.0385, 0.2649, 0.2835

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.



37.1924, 0.2777, 0.2796



37.1924, 0.3670, 0.3705



37.1924, 0.2569, 0.3043

Square

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



37.1924, 0.3670, 0.3705



37.1924, 0.2894, 0.3590



37.1924, 0.2606, 0.2860



37.1924, 0.3349, 0.3015

Rectangle

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



37.1924, 0.3670, 0.3705



37.1924, 0.3286, 0.3811



37.1924, 0.2606, 0.2860



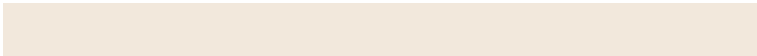
37.1924, 0.2948, 0.2822

Sweetspot

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



37.1941, 0.3670, 0.3705



81.9088, 0.3272, 0.3410



28.7991, 0.3483, 0.2930



17.7976, 0.3296, 0.3430



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.1941, 0.3670, 0.3705



63.4553, 0.3813, 0.3798



46.9123, 0.3558, 0.4035



9.7889, 0.3275, 0.3413



13.2823, 0.5282, 0.4188



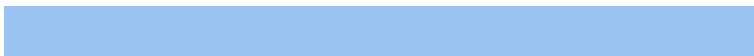
0.5907, 0.4930, 0.4468

Inverse Universe

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



32.0385, 0.2649, 0.2835



52.6307, 0.2542, 0.2718



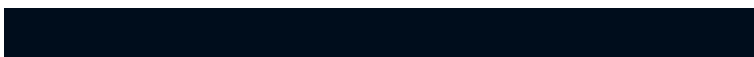
24.3985, 0.2621, 0.2428



9.3869, 0.2985, 0.3164



7.0297, 0.1745, 0.1480



0.3719, 0.1883, 0.1977

Previews

White Background



This preview shows how the Yxy color 37.1924, 0.3670, 0.3705 looks on a white background.

Color Contrast Check

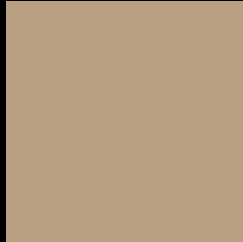
Large Text (above 18pt) WCAG AA × Fail

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 37.1924, 0.3670, 0.3705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

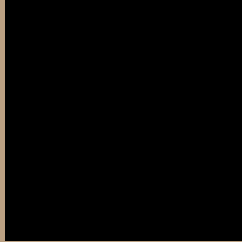
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1924, 0.3670, 0.3705

Background



This preview shows how black text looks on a background with the Yxy color 37.1924, 0.3670, 0.3705.



This preview shows how white text looks on a background with the Yxy color 37.1924, 0.3670, 0.3705.

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

37.1924, 0.3670, 0.3705

Protanopia

37.2155, 0.3515, 0.3748

Deuteranopia

37.2719, 0.3740, 0.3669



Tritanopia

37.1799, 0.3363, 0.3131

Trichromacy



Original Color

37.1924, 0.3670, 0.3705

Protanomaly

37.2981, 0.3568, 0.3743

Deuteranomaly

37.3551, 0.3716, 0.3685

Tritanomaly

37.2659, 0.3475, 0.3332

Monochromacy



Original Color

37.1924, 0.3670, 0.3705

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.2320, 0.3312, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1924, 0.3670, 0.3705 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(186, 160, 130)` looks like.

```
.text, #text, p{  
    color:rgb(186, 160, 130)  
}
```

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(186, 160, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 160, 130) }
```

Border

The CSS property to change the border of an element to Yxy 37.1924, 0.3670, 0.3705 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(186, 160, 130) }
```

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

```
.border{ border-color:rgb(186, 160, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 160, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 160, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 160, 130);  
box-shadow:4px 4px 4px 4px rgb(186, 160,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1924, 0.3670, 0.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 160, 130) }
```

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

```
.background{ background-color: rgb(186,  
160, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor