

Converting Colors

$Y_{xy}(30.4376, 0.3774, 0.3702)$

Have a look what the booklet for
Yxy(30.4376, 0.3774, 0.3702)
contains.

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Color

Yxy(30.4376, 0.3774, 0.3702)

Conversions

Conversions Part 1

Format	Color
Hex	B09074
RGB	176, 144, 116
RGB Percent	69%, 56%, 45%
CMY	0.3098, 0.4353, 0.5452
CMYK	0.00, 0.18, 0.34, 0.31
HSL	28°, 28%, 57%
HSV	28°, 34%, 69%
XYZ	31.0296, 30.4376, 20.7522
YIQ	150.3760, 28.0600, -1.9240

Conversions

Conversions Part 2

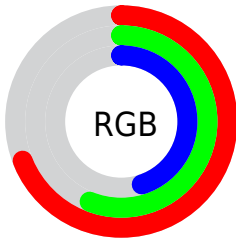
Format	Color
RYB	176, 169, 116
Decimal	11571316
CIELab	62.03, 7.95, 19.44
CIElCh	62, 20.999, 67.762
Yxy	30.4376, 0.3774, 0.3702
Android (android.graphics.Color)	4289761396 (0xFFB09074)
YUV	150.3760, -16.9474, 22.4722
Hunter-Lab	55.1703, 3.8463, 16.3174

Details

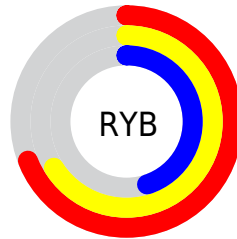
The Yxy color **30.4376, 0.3774, 0.3702** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.0154, 0.2594, 0.2836**, and the grayscale version is **30.7318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3711, 0.3638, 0.3628**, and **12.5603, 0.3981, 0.3825** is the 20% darker color. If you saturate the color by 10%, you get **27.3427, 0.4020, 0.3825**, and if you desaturate by 10%, it is **33.8491, 0.3554, 0.3577**.

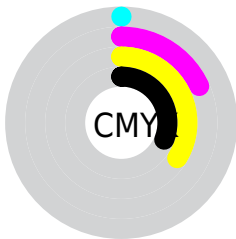
Distribution



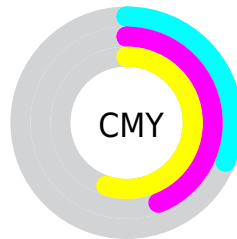
- Red (69%)
- Green (56%)
- Blue (45%)



- Red (69%)
- Yellow (66%)
- Blue (45%)



- Cyan (0%)
- Magenta (18%)
- Yellow (34%)
- Black (31%)





- Cyan (31%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4376, 0.3774, 0.3702 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 30.4376, 0.3774, 0.3702 by changing the saturation by 10% instead.


 30.4376, 0.3774,
0.3702


 30.4376, 0.3774,
0.3702


303.9389, 0.3427,
0.3489

 20.1710, 0.3869,
0.3756


 60.3535, 0.3642,
0.3623

 12.5194, 0.3995,
0.3826


 80.7716, 0.3594,
0.3594

 7.0984, 0.4170,
0.3918


 105.3423, 0.3554,
0.3570

 3.5237, 0.4427,
0.4041

134.4501, 0.3521,
0.3549

 1.4109, 0.5194,
0.4514

168.4792, 0.3492,
0.3531

 0.2247, 0.6446,
0.3554

207.8141, 0.3467,

 0.0000, 0.0000,

0.3515

0.0000

252.8392, 0.3446,
0.3501

■ 30.4376, 0.3774,
0.3702

■ 30.4376, 0.3774,
0.3702

■ 27.3427, 0.4020,
0.3825

■ 33.8491, 0.3554,
0.3577

■ 24.5501, 0.4289,
0.3937

■ 37.5825, 0.3360,
0.3454

■ 22.0504, 0.4573,
0.4027

■ 41.6484, 0.3190,
0.3336


■ 19.8319, 0.4860,
0.4085


■ 46.0554, 0.3043,
0.3226


■ 17.8821, 0.5132,
0.4097

■ 50.8119, 0.2915,
0.3124


 16.1867, 0.5370,
0.4056

 55.9259, 0.2804,
0.3030

 15.2947, 0.5498,
0.4016

 61.4051, 0.2708,
0.2944

 67.1425, 0.2633,
0.2884

 72.1779, 0.2646,
0.2993

Harmonies

Analogous

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



30.4376, 0.3782, 0.3444



30.4376, 0.3774, 0.3702



30.4376, 0.3585, 0.3869

Triad

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



30.4376, 0.3774, 0.3702



30.4376, 0.2666, 0.3397



30.4376, 0.2949, 0.2772

Complementary

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



30.4376, 0.3774, 0.3702



28.0154, 0.2594, 0.2836

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.



30.4376, 0.2670, 0.2739



30.4376, 0.3774, 0.3702



30.4376, 0.2514, 0.3078

Square

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



30.4376, 0.3774, 0.3702



30.4376, 0.2942, 0.3701



30.4376, 0.2515, 0.2843



30.4376, 0.3291, 0.2925

Rectangle

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



30.4376, 0.3774, 0.3702



30.4376, 0.3389, 0.3896



30.4376, 0.2515, 0.2843



30.4376, 0.2845, 0.2746

Sweetspot

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



30.4390, 0.3774, 0.3702



70.9871, 0.3290, 0.3407



23.8517, 0.3494, 0.2826



15.1683, 0.3314, 0.3423



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



30.4390, 0.3774, 0.3702



50.8805, 0.3959, 0.3796



40.7650, 0.3640, 0.4100



9.1377, 0.3276, 0.3397



11.3362, 0.5481, 0.4030



0.4738, 0.5033, 0.4386

Inverse Universe

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



28.0154, 0.2594, 0.2836



45.8016, 0.2474, 0.2715



19.7950, 0.2529, 0.2327



8.9551, 0.2985, 0.3181



8.2668, 0.1809, 0.1713



0.3756, 0.1943, 0.2195

Previews

White Background



This preview shows how the Yxy color 30.4376, 0.3774, 0.3702 looks on a white background.

Color Contrast Check

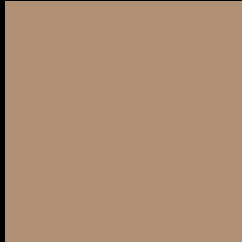
Large Text (above 18pt) WCAG AA × Fail

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 30.4376, 0.3774, 0.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

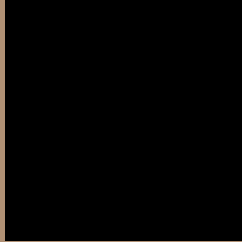
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4376, 0.3774, 0.3702

Background



This preview shows how black text looks on a background with the Yxy color 30.4376, 0.3774, 0.3702.



This preview shows how white text looks on a background with the Yxy color 30.4376, 0.3774, 0.3702.

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

30.4376, 0.3774, 0.3702

Protanopia

30.6182, 0.3539, 0.3771

Deuteranopia

30.4376, 0.3774, 0.3702



Tritanopia

30.3705, 0.3464, 0.3135

Trichromacy



Original Color

30.4376, 0.3774, 0.3702

Protanomaly

30.5948, 0.3623, 0.3746

Deuteranomaly

30.4376, 0.3774, 0.3702

Tritanomaly

30.4684, 0.3579, 0.3335

Monochromacy



Original Color

30.4376, 0.3774, 0.3702

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.3857, 0.3341, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4376, 0.3774, 0.3702 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(176, 144, 116)` looks like.

```
.text, #text, p{  
    color:rgb(176, 144, 116)  
}
```

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(176, 144, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 144, 116) }
```

Border

The CSS property to change the border of an element to Yxy 30.4376, 0.3774, 0.3702 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(176, 144, 116) }
```

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

```
.border{ border-color:rgb(176, 144, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 144, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 144, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 144, 116);  
box-shadow:4px 4px 4px 4px rgb(176, 144,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4376, 0.3774, 0.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 144, 116) }
```

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

```
.background{ background-color: rgb(176,  
144, 116) }
```

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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