

Converting Colors

$Y_{xy}(30.8039, 0.3765, 0.3723)$

Have a look what the booklet for
Yxy(30.8039, 0.3765, 0.3723)
contains.

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Color

Yxy(30.7419, 0.3769, 0.3716)

Conversions

Conversions Part 1

Format	Color
Hex	B09174
RGB	176, 145, 116
RGB Percent	69%, 57%, 45%
CMY	0.3098, 0.4313, 0.5452
CMYK	0.00, 0.18, 0.34, 0.31
HSL	29°, 28%, 57%
HSV	29°, 34%, 69%
XYZ	31.1804, 30.7419, 20.8062
YIQ	150.9630, 27.7850, -2.4470

Conversions

Conversions Part 2

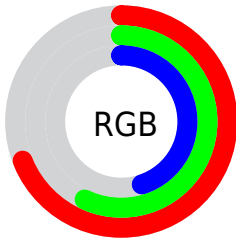
Format	Color
RYB	176, 172, 116
Decimal	11571572
CIELab	62.29, 7.39, 19.78
CIELCh	62, 21.118, 69.526
Yxy	30.7419, 0.3769, 0.3716
Android (android.graphics.Color)	4289761652 (0xFFB09174)
YUV	150.9630, -17.2368, 21.9574
Hunter-Lab	55.4454, 3.3522, 16.5628

Details

The Yxy color **30.7419, 0.3769, 0.3716** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.7022, 0.2592, 0.2820**, and the grayscale version is **30.9969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8298, 0.3635, 0.3638**, and **12.7393, 0.3972, 0.3845** is the 20% darker color. If you saturate the color by 10%, you get **27.7048, 0.4011, 0.3843**, and if you desaturate by 10%, it is **34.0815, 0.3551, 0.3586**.

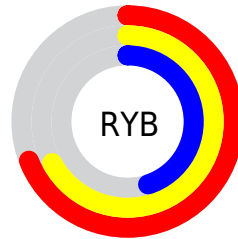
Distribution



Red (69%)

Green (57%)

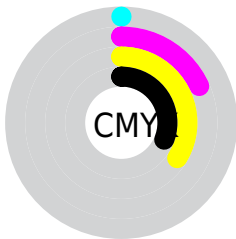
Blue (45%)



Red (69%)

Yellow (67%)

Blue (45%)

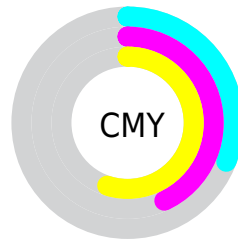


Cyan (0%)

Magenta (18%)

Yellow (34%)

Black (31%)



Cyan (31%)


Magenta (43%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7419, 0.3769, 0.3716 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 30.7419, 0.3769, 0.3716 by changing the saturation by 10% instead.

 30.7419, 0.3769,
0.3716


 30.7419, 0.3769,
0.3716


305.3475, 0.3425,
0.3496

 20.4024, 0.3862,
0.3772


 60.8335, 0.3638,
0.3635

 12.6879, 0.3986,
0.3845


 81.3544, 0.3591,
0.3604

 7.2140, 0.4158,
0.3940


 106.0378, 0.3552,
0.3579

 3.5963, 0.4410,
0.4069

135.2682, 0.3518,
0.3557

 1.4504, 0.5150,
0.4542

169.4300, 0.3490,
0.3539

 0.2534, 0.6243,
0.3757

208.9075, 0.3465,

 0.0000, 0.0000,

0.3522

0.0000

254.0852, 0.3444,
0.3508

■ 30.7419, 0.3769,
0.3716

■ 30.7419, 0.3769,
0.3716

■ 27.7048, 0.4011,
0.3843

■ 34.0815, 0.3551,
0.3586

■ 24.9565, 0.4275,
0.3959

■ 37.7285, 0.3359,
0.3459

■ 22.4882, 0.4552,
0.4053

■ 41.6929, 0.3190,
0.3338

■ 20.2888, 0.4831,
0.4114


■ 45.9828, 0.3043,
0.3224

■ 18.3464, 0.5094,
0.4130

■ 50.6063, 0.2915,
0.3118


 16.6474, 0.5325,
0.4093

 55.5708, 0.2804,
0.3021

 15.7470, 0.5449,
0.4055

 60.8837, 0.2707,
0.2932

 66.4373, 0.2632,
0.2869

 71.2714, 0.2644,
0.2974

Harmonies

Analogous

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



30.7419, 0.3789, 0.3461



30.7419, 0.3769, 0.3716



30.7419, 0.3571, 0.3876

Triad

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



30.7419, 0.3769, 0.3716



30.7419, 0.2652, 0.3378



30.7419, 0.2967, 0.2777

Complementary

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



30.7419, 0.3769, 0.3716



27.7022, 0.2592, 0.2820

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.



30.7419, 0.2682, 0.2736



30.7419, 0.3769, 0.3716



30.7419, 0.2508, 0.3061

Square

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



30.7419, 0.3769, 0.3716



30.7419, 0.2923, 0.3687



30.7419, 0.2519, 0.2832



30.7419, 0.3312, 0.2937

Rectangle

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



30.7419, 0.3769, 0.3716



30.7419, 0.3370, 0.3895



30.7419, 0.2519, 0.2832



30.7419, 0.2862, 0.2749

Sweetspot

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



30.7433, 0.3769, 0.3716



71.1854, 0.3290, 0.3411



23.8213, 0.3506, 0.2840



15.2166, 0.3313, 0.3428



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.



30.7433, 0.3769, 0.3716



51.5160, 0.3951, 0.3813



41.1479, 0.3636, 0.4112



9.1610, 0.3275, 0.3400



11.6708, 0.5433, 0.4068



0.4842, 0.5001, 0.4411

Inverse Universe

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



27.7022, 0.2592, 0.2820



45.1448, 0.2471, 0.2694



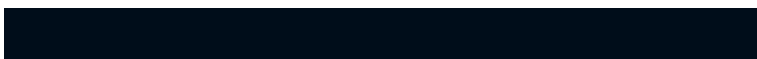
19.5633, 0.2527, 0.2310



8.9316, 0.2985, 0.3177



7.8909, 0.1793, 0.1656



0.3645, 0.1932, 0.2153

Previews

White Background



This preview shows how the Yxy color 30.7419, 0.3769, 0.3716 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 30.7419, 0.3769, 0.3716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

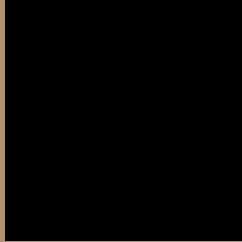
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7419, 0.3769, 0.3716

Background



This preview shows how black text looks on a background with the Yxy color 30.7419, 0.3769, 0.3716.



This preview shows how white text looks on a background with the Yxy color 30.7419, 0.3769, 0.3716.

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

30.7419, 0.3769, 0.3716

Protanopia

30.9387, 0.3535, 0.3785

Deuteranopia

30.8589, 0.3780, 0.3714



Tritanopia

30.6938, 0.3451, 0.3135

Trichromacy



Original Color

30.7419, 0.3769, 0.3716

Protanomaly

30.9099, 0.3619, 0.3761

Deuteranomaly

30.8589, 0.3780, 0.3714

Tritanomaly

30.7647, 0.3576, 0.3349

Monochromacy



Original Color

30.7419, 0.3769, 0.3716

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.8035, 0.3350, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7419, 0.3769, 0.3716 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, 145, 116)` looks like.

```
.text, #text, p{  
    color:rgb(176, 145, 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, 145, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 145, 116) }
```

Border

The CSS property to change the border of an element to Yxy 30.7419, 0.3769, 0.3716 is called "border". The border property can be set on classes, ids or directly on the HTML element.

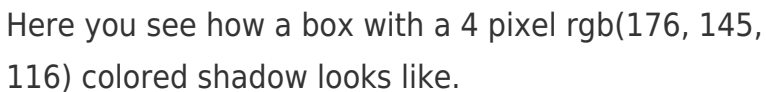
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 145, 116) }
```

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

```
.border{ border-color:rgb(176, 145, 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, 145, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 145, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 145, 116);  
box-shadow:4px 4px 4px 4px rgb(176, 145,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7419, 0.3769, 0.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 145, 116) }
```

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

```
.background{ background-color: rgb(176,  
145, 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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