

Converting Colors

$Y_{xy}(30.5743, 0.3721, 0.3732)$

Have a look what the booklet for
Yxy(30.5743, 0.3721, 0.3732)
contains.

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Color

Yxy(30.5894, 0.3719, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	AC9274
RGB	172, 146, 116
RGB Percent	67%, 57%, 45%
CMY	0.3256, 0.4274, 0.5451
CMYK	0.00, 0.15, 0.33, 0.33
HSL	32°, 25%, 56%
HSV	32°, 33%, 67%
XYZ	30.4421, 30.5894, 20.8240
YIQ	150.3540, 25.1260, -3.8180

Conversions

Conversions Part 2

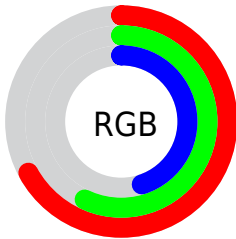
Format	Color
RYB	165, 172, 116
Decimal	11309684
CIELab	62.16, 5.20, 19.53
CIELCh	62, 20.209, 75.083
Yxy	30.5894, 0.3719, 0.3737
Android (android.graphics.Color)	4289499764 (0xFFAC9274)
YUV	150.3540, -16.9365, 18.9835
Hunter-Lab	55.3077, 1.4602, 16.3919

Details

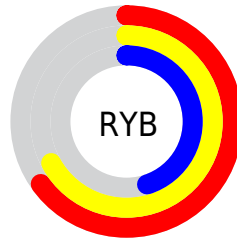
The Yxy color **30.5894, 0.3719, 0.3737** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **26.0310, 0.2612, 0.2796**, and the grayscale version is **30.7231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6297, 0.3599, 0.3654**, and **12.7050, 0.3915, 0.3875** is the 20% darker color. If you saturate the color by 10%, you get **27.8516, 0.3946, 0.3877**, and if you desaturate by 10%, it is **33.5758, 0.3513, 0.3595**.

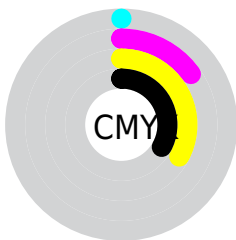
Distribution



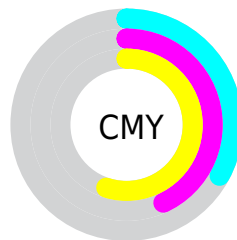
- Red (67%)
- Green (57%)
- Blue (45%)



- Red (65%)
- Yellow (67%)
- Blue (45%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (33%)




- Cyan (33%)
- Magenta (43%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5894, 0.3719, 0.3737 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 30.5894, 0.3719, 0.3737 by changing the saturation by 10% instead.

 30.5894, 0.3719,
0.3737


 30.5894, 0.3719,
0.3737


304.6422, 0.3402,
0.3503


 20.2864, 0.3805,
0.3798


 60.5930, 0.3599,
0.3650

 12.6034, 0.3919,
0.3877

 81.0625, 0.3555,
0.3618

 7.1560, 0.4077,
0.3983


 105.6895, 0.3519,
0.3591

 3.5599, 0.4308,
0.4129

134.8585, 0.3488,
0.3568

 1.4305, 0.5018,
0.4655

168.9538, 0.3462,
0.3549

 0.2391, 0.5970,
0.4030

208.3600, 0.3439,

 0.0000, 0.0000,

0.3532

0.0000

253.4613, 0.3420,
0.3517

■ 30.5894, 0.3719,
0.3737

■ 30.5894, 0.3719,
0.3737

■ 27.8516, 0.3946,
0.3877

■ 33.5758, 0.3513,
0.3595

■ 25.3508, 0.4190,
0.4007

■ 36.8139, 0.3329,
0.3456

■ 23.0801, 0.4445,
0.4118


■ 40.3118, 0.3166,
0.3323


■ 21.0309, 0.4700,
0.4197

■ 44.0760, 0.3022,
0.3198

■ 19.1935, 0.4941,
0.4232


■ 48.1127, 0.2896,
0.3082


 17.5573, 0.5153,
0.4215

 52.4280, 0.2786,
0.2975

 16.4552, 0.5295,
0.4178

 57.0277, 0.2689,
0.2878

 61.9173, 0.2605,
0.2788

 66.0431, 0.2609,
0.2867

Harmonies

Analogous

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



30.5894, 0.3772, 0.3504



30.5894, 0.3719, 0.3737



30.5894, 0.3504, 0.3864

Triad

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



30.5894, 0.3719, 0.3737



30.5894, 0.2635, 0.3316



30.5894, 0.3034, 0.2817

Complementary

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



30.5894, 0.3719, 0.3737



26.0310, 0.2612, 0.2796

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.



30.5894, 0.2743, 0.2755



30.5894, 0.3719, 0.3737



30.5894, 0.2523, 0.3022

Square

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



30.5894, 0.3719, 0.3737



30.5894, 0.2877, 0.3620



30.5894, 0.2562, 0.2824



30.5894, 0.3364, 0.2989

Rectangle

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



30.5894, 0.3719, 0.3737



30.5894, 0.3302, 0.3860



30.5894, 0.2562, 0.2824



30.5894, 0.2928, 0.2783

Sweetspot

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



30.5908, 0.3719, 0.3737



68.2607, 0.3288, 0.3423



23.2176, 0.3518, 0.2902



14.6520, 0.3311, 0.3442



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



30.5908, 0.3719, 0.3737



51.9093, 0.3879, 0.3838



39.3192, 0.3590, 0.4091



8.6995, 0.3274, 0.3412



12.3587, 0.5280, 0.4189



0.4519, 0.4870, 0.4515

Inverse Universe

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



26.0310, 0.2612, 0.2796



42.3506, 0.2494, 0.2666



19.3124, 0.2576, 0.2353



8.3467, 0.2986, 0.3165



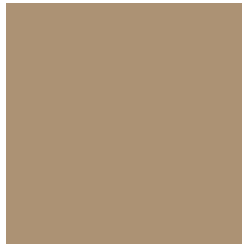
6.5728, 0.1747, 0.1487



0.2930, 0.1909, 0.2073

Previews

White Background



This preview shows how the Yxy color 30.5894, 0.3719, 0.3737 looks on a white background.

Color Contrast Check

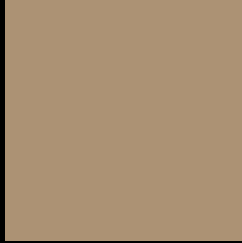
Large Text (above 18pt) WCAG AA × Fail

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 30.5894, 0.3719, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

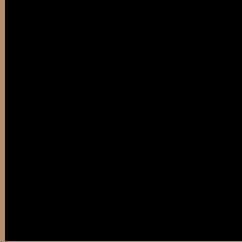
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5894, 0.3719, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 30.5894, 0.3719, 0.3737.



This preview shows how white text looks on a background with the Yxy color 30.5894, 0.3719, 0.3737.

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

30.5894, 0.3719, 0.3737

Protanopia

30.5943, 0.3549, 0.3786

Deuteranopia

30.4376, 0.3774, 0.3702



Tritanopia

30.5469, 0.3395, 0.3133

Trichromacy



Original Color

30.5894, 0.3719, 0.3737

Protanomaly

30.6718, 0.3607, 0.3780

Deuteranomaly

30.6257, 0.3758, 0.3717

Tritanomaly

30.6230, 0.3518, 0.3349

Monochromacy



Original Color

30.5894, 0.3719, 0.3737

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.5990, 0.3329, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5894, 0.3719, 0.3737 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(172, 146, 116)` looks like.

```
.text, #text, p{  
    color:rgb(172, 146, 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(172, 146, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 146, 116) }
```

Border

The CSS property to change the border of an element to Yxy 30.5894, 0.3719, 0.3737 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(172, 146, 116) }
```

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

```
.border{ border-color:rgb(172, 146, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 146, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 146, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 146, 116);  
box-shadow:4px 4px 4px 4px rgb(172, 146,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5894, 0.3719, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 146, 116) }
```

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

```
.background{ background-color: rgb(172,  
146, 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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