

Converting Colors

Yxy(31.3665, 0.3676, 0.3662)

Have a look what the booklet for
Yxy(31.3665, 0.3676, 0.3662)
contains.

Yxy(31.2712, 0.3674, 0.3659)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.2712, 0.3674, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	AE937A
RGB	174, 147, 122
RGB Percent	68%, 58%, 48%
CMY	0.3177, 0.4235, 0.5216
CMYK	0.00, 0.16, 0.30, 0.32
HSL	29°, 24%, 58%
HSV	29°, 30%, 68%
XYZ	31.3994, 31.2712, 22.7932
YIQ	152.2230, 24.1170, -2.0510

Conversions

Conversions Part 2

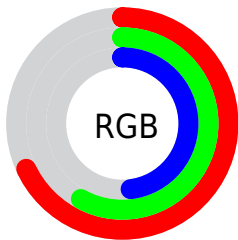
Format	Color
RYB	174, 170, 122
Decimal	11441018
CIELab	62.74, 6.27, 17.00
CIELCh	63, 18.117, 69.763
Yxy	31.2712, 0.3674, 0.3659
Android (android.graphics.Color)	4289631098 (0xFFAE937A)
YUV	152.2230, -14.8999, 19.0984
Hunter-Lab	55.9207, 2.3664, 14.9779

Details

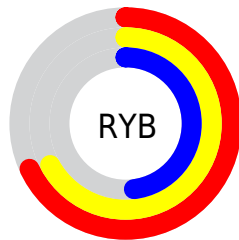
The Yxy color **31.2712, 0.3674, 0.3659** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **28.6798, 0.2660, 0.2889**, and the grayscale version is **31.5586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6523, 0.3565, 0.3594**, and **12.9117, 0.3871, 0.3767** is the 20% darker color. If you saturate the color by 10%, you get **28.1805, 0.3906, 0.3787**, and if you desaturate by 10%, it is **34.6624, 0.3467, 0.3531**.

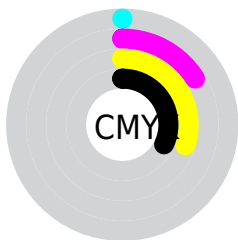
Distribution



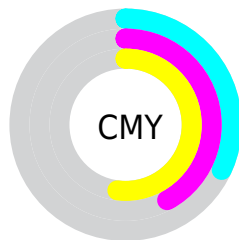
- Red (68%)
- Green (58%)
- Blue (48%)



- Red (68%)
- Yellow (67%)
- Blue (48%)



- Cyan (0%)
- Magenta (16%)
- Yellow (30%)
- Black (32%)





- Cyan (32%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2712, 0.3674, 0.3659 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 31.2712, 0.3674, 0.3659 by changing the saturation by 10% instead.


 31.2712, 0.3674,
0.3659


 31.2712, 0.3674,
0.3659


307.7858, 0.3381,
0.3467


 20.8054, 0.3753,
0.3709


 61.6668, 0.3563,
0.3588

 12.9819, 0.3859,
0.3773


 82.3654, 0.3523,
0.3561

 7.4161, 0.4007,
0.3860


 107.2438, 0.3489,
0.3539

 3.7236, 0.4225,
0.3980

136.6863, 0.3461,
0.3521

 1.5202, 0.4730,
0.4291

171.0774, 0.3437,
0.3505

 0.3029, 0.5928,
0.4072

210.8014, 0.3416,

 0.0000, 0.0000,

0.3490

0.0000

256.2427, 0.3398,
0.3478

■ 31.2712, 0.3674,
0.3659

■ 31.2712, 0.3674,
0.3659

■ 28.1805, 0.3906,
0.3787

■ 34.6624, 0.3467,
0.3531

■ 25.3768, 0.4162,
0.3908

■ 38.3583, 0.3285,
0.3406

■ 22.8519, 0.4435,
0.4012

■ 42.3689, 0.3125,
0.3289

■ 20.5953, 0.4716,
0.4089

■ 46.7019, 0.2987,
0.3179

■ 18.5956, 0.4989,
0.4125

■ 51.3650, 0.2866,
0.3077

■ 16.8404, 0.5237,
0.4110

■ 56.3654, 0.2761,
0.2984

■ 15.3093, 0.5453,
0.4051

■ 61.7104, 0.2670,
0.2899

■ 15.2918, 0.5456,
0.4050

■ 67.0017, 0.2622,
0.2885

■ 71.8474, 0.2635,
0.2990

Harmonies

Analogous

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



31.2712, 0.3691, 0.3442



31.2712, 0.3674, 0.3659



31.2712, 0.3506, 0.3791

Triad

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



31.2712, 0.3674, 0.3659



31.2712, 0.2719, 0.3364



31.2712, 0.2994, 0.2848

Complementary

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



31.2712, 0.3674, 0.3659



28.6798, 0.2660, 0.2889

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.



31.2712, 0.2748, 0.2814



31.2712, 0.3674, 0.3659



31.2712, 0.2595, 0.3096

Square

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



31.2712, 0.3674, 0.3659



31.2712, 0.2952, 0.3624



31.2712, 0.2605, 0.2899



31.2712, 0.3288, 0.2988

Rectangle

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



31.2712, 0.3674, 0.3659



31.2712, 0.3335, 0.3803



31.2712, 0.2605, 0.2899



31.2712, 0.2903, 0.2824

Sweetspot

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



31.2726, 0.3674, 0.3659



70.0965, 0.3272, 0.3398



25.1092, 0.3436, 0.2886



15.3572, 0.3297, 0.3415



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.



31.2726, 0.3674, 0.3659



52.8870, 0.3828, 0.3746



40.0027, 0.3576, 0.4000



8.6273, 0.3275, 0.3399



11.2112, 0.5438, 0.4064



0.4219, 0.4968, 0.4437

Inverse Universe

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



28.6798, 0.2660, 0.2889



47.3994, 0.2552, 0.2782



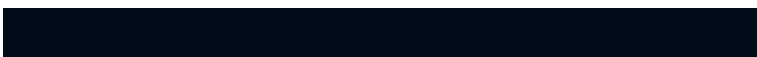
21.5416, 0.2614, 0.2466



8.4188, 0.2986, 0.3178



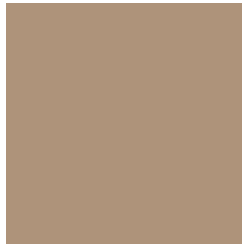
7.6749, 0.1797, 0.1667



0.3224, 0.1946, 0.2205

Previews

White Background



This preview shows how the Yxy color 31.2712, 0.3674, 0.3659 looks on a white background.

Color Contrast Check

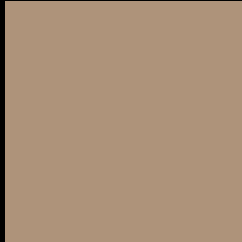
Large Text (above 18pt) WCAG AA × Fail

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 31.2712, 0.3674, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

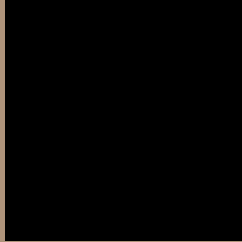
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2712, 0.3674, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 31.2712, 0.3674, 0.3659.



This preview shows how white text looks on a background with the Yxy color 31.2712, 0.3674, 0.3659.

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

31.2712, 0.3674, 0.3659

Protanopia

31.4888, 0.3493, 0.3720

Deuteranopia

31.3100, 0.3712, 0.3640



Tritanopia

31.4430, 0.3391, 0.3135

Trichromacy



Original Color

31.2712, 0.3674, 0.3659

Protanomaly

31.3497, 0.3564, 0.3699

Deuteranomaly

31.1930, 0.3701, 0.3642

Tritanomaly

31.2466, 0.3505, 0.3320

Monochromacy



Original Color

31.2712, 0.3674, 0.3659

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.2094, 0.3318, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2712, 0.3674, 0.3659 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(174, 147, 122)` looks like.

```
.text, #text, p{  
    color:rgb(174, 147, 122)  
}
```

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(174, 147, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 147, 122) }
```

Border

The CSS property to change the border of an element to Yxy 31.2712, 0.3674, 0.3659 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(174, 147, 122) }
```

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

```
.border{ border-color:rgb(174, 147, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 147, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 147, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 147, 122);  
box-shadow:4px 4px 4px 4px rgb(174, 147,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2712, 0.3674, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 147, 122) }
```

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

```
.background{ background-color: rgb(174,  
147, 122) }
```

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