

Converting Colors

$Yxy(30.6697, 0.3664, 0.3742)$

Have a look what the booklet for
Yxy(30.6697, 0.3664, 0.3742)
contains.

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Color

Yxy(30.5868, 0.3671, 0.3742)

Conversions

Conversions Part 1

Format	Color
Hex	A99375
RGB	169, 147, 117
RGB Percent	66%, 58%, 46%
CMY	0.3372, 0.4235, 0.5412
CMYK	0.00, 0.13, 0.31, 0.34
HSL	35°, 23%, 56%
HSV	35°, 31%, 66%
XYZ	30.0065, 30.5868, 21.1459
YIQ	150.1580, 22.7420, -4.6660

Conversions

Conversions Part 2

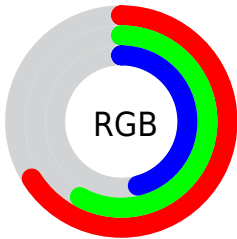
Format	Color
RYB	155, 169, 117
Decimal	11113333
CIELab	62.16, 3.57, 18.93
CIELCh	62, 19.267, 79.316
Yxy	30.5868, 0.3671, 0.3742
Android (android.graphics.Color)	4289303413 (0xFFA99375)
YUV	150.1580, -16.3469, 16.5244
Hunter-Lab	55.3053, 0.0626, 16.0443

Details

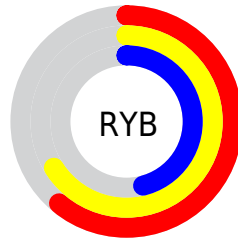
The Yxy color **30.5868, 0.3671, 0.3742** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **25.1051, 0.2637, 0.2791**, and the grayscale version is **30.6336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6454, 0.3563, 0.3656**, and **12.6921, 0.3843, 0.3886** is the 20% darker color. If you saturate the color by 10%, you get **28.0717, 0.3886, 0.3893**, and if you desaturate by 10%, it is **33.3146, 0.3474, 0.3590**.

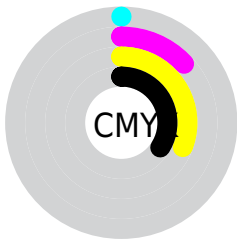
Distribution



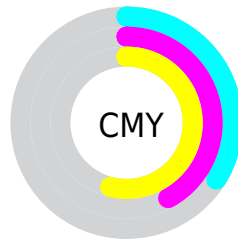
- Red (66%)
- Green (58%)
- Blue (46%)



- Red (61%)
- Yellow (66%)
- Blue (46%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)
- Black (34%)




- Cyan (34%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5868, 0.3671, 0.3742 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 30.5868, 0.3671, 0.3742 by changing the saturation by 10% instead.


 30.5868, 0.3671,
0.3742

 30.5868, 0.3671,
0.3742


304.6302, 0.3380,
0.3504

 20.2844, 0.3750,
0.3805


 60.5889, 0.3561,
0.3653

 12.6020, 0.3854,
0.3887


 81.0575, 0.3521,
0.3620

 7.1550, 0.3999,
0.3998


 105.6835, 0.3487,
0.3593

 3.5592, 0.4212,
0.4154

134.8515, 0.3459,
0.3570

 1.4302, 0.4854,
0.4682

168.9457, 0.3435,
0.3550

 0.2388, 0.5681,
0.4319

208.3507, 0.3414,

 0.0000, 0.0000,

0.3533

0.0000

253.4507, 0.3396,
0.3518

■ 30.5868, 0.3671,
0.3742

■ 30.5868, 0.3671,
0.3742

■ 28.0717, 0.3886,
0.3893

■ 33.3146, 0.3474,
0.3590

■ 25.7587, 0.4116,
0.4035

■ 36.2569, 0.3297,
0.3442

■ 23.6425, 0.4355,
0.4158


■ 39.4207, 0.3139,
0.3301

■ 21.7157, 0.4592,
0.4252


■ 42.8116, 0.2999,
0.3168


■ 19.9702, 0.4816,
0.4305

■ 46.4347, 0.2875,
0.3045


 18.3970, 0.5014,
0.4308

 50.2951, 0.2766,
0.2932

 17.0840, 0.5175,
0.4273

 54.3975, 0.2670,
0.2828

 58.7467, 0.2586,
0.2732

 62.4065, 0.2582,
0.2788

Harmonies

Analogous

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



30.5868, 0.3745, 0.3530



30.5868, 0.3671, 0.3742



30.5868, 0.3449, 0.3843

Triad

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



30.5868, 0.3671, 0.3742



30.5868, 0.2634, 0.3273



30.5868, 0.3083, 0.2855

Complementary

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



30.5868, 0.3671, 0.3742



25.1051, 0.2637, 0.2791

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.



30.5868, 0.2795, 0.2780



30.5868, 0.3671, 0.3742



30.5868, 0.2546, 0.3002

Square

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



30.5868, 0.3671, 0.3742



30.5868, 0.2850, 0.3567



30.5868, 0.2603, 0.2828



30.5868, 0.3396, 0.3032

Rectangle

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



30.5868, 0.3671, 0.3742



30.5868, 0.3251, 0.3821



30.5868, 0.2603, 0.2828



30.5868, 0.2980, 0.2818

Sweetspot

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



30.5882, 0.3671, 0.3742



65.8218, 0.3270, 0.3419



23.0332, 0.3512, 0.2950



14.1783, 0.3293, 0.3439



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



30.5882, 0.3671, 0.3742



51.6386, 0.3817, 0.3846



37.7182, 0.3547, 0.4051



8.2342, 0.3272, 0.3420



12.8397, 0.5162, 0.4284



0.4104, 0.4766, 0.4598

Inverse Universe

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



25.1051, 0.2637, 0.2791



40.2323, 0.2522, 0.2658



19.6084, 0.2629, 0.2417



7.8025, 0.2986, 0.3156



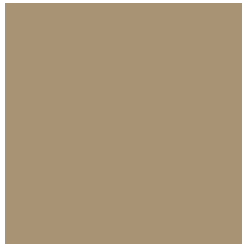
5.6397, 0.1712, 0.1362



0.2392, 0.1898, 0.2031

Previews

White Background



This preview shows how the Yxy color 30.5868, 0.3671, 0.3742 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 30.5868, 0.3671, 0.3742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

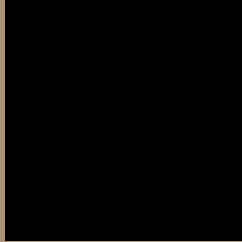
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5868, 0.3671, 0.3742

Background



This preview shows how black text looks on a background with the Yxy color 30.5868, 0.3671, 0.3742.



This preview shows how white text looks on a background with the Yxy color 30.5868, 0.3671, 0.3742.

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

30.5868, 0.3671, 0.3742

Protanopia

30.5943, 0.3549, 0.3786

Deuteranopia

30.4846, 0.3752, 0.3672



Tritanopia

30.5301, 0.3350, 0.3131

Trichromacy



Original Color

30.5868, 0.3671, 0.3742

Protanomaly

30.5894, 0.3586, 0.3766

Deuteranomaly

30.4430, 0.3714, 0.3691

Tritanomaly

30.6106, 0.3471, 0.3350

Monochromacy



Original Color

30.5868, 0.3671, 0.3742

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.4980, 0.3318, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5868, 0.3671, 0.3742 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(169, 147, 117)` looks like.

```
.text, #text, p{  
    color:rgb(169, 147, 117)  
}
```

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(169, 147, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 147, 117) }
```

Border

The CSS property to change the border of an element to Yxy 30.5868, 0.3671, 0.3742 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(169, 147, 117) }
```

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

```
.border{ border-color:rgb(169, 147, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 147, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 147, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 147, 117);  
box-shadow:4px 4px 4px 4px rgb(169, 147,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5868, 0.3671, 0.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 147, 117) }
```

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

```
.background{ background-color: rgb(169,  
147, 117) }
```

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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