

Converting Colors

$Yxy(30.3951, 0.3798, 0.4048)$

Have a look what the booklet for
Yxy(30.3951, 0.3798, 0.4048)
contains.

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Color

Yxy(30.3951, 0.3798, 0.4048)

Conversions

Conversions Part 1

Format	Color
Hex	A59563
RGB	165, 149, 99
RGB Percent	65%, 58%, 39%
CMY	0.3529, 0.4157, 0.6117
CMYK	0.00, 0.10, 0.40, 0.35
HSL	45°, 27%, 52%
HSV	45°, 40%, 65%
XYZ	28.5179, 30.3951, 16.1737
YIQ	148.0840, 25.5860, -12.1580

Conversions

Conversions Part 2

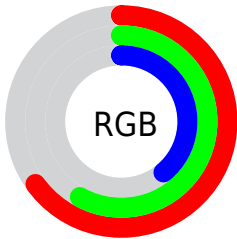
Format	Color
RYB	120, 165, 99
Decimal	10851683
CIELab	61.99, -1.45, 28.55
CIELCh	62, 28.588, 92.903
Yxy	30.3951, 0.3798, 0.4048
Android (android.graphics.Color)	4289041763 (0xFFA59563)
YUV	148.0840, -24.1984, 14.8353
Hunter-Lab	55.1318, -4.1481, 21.1987

Details

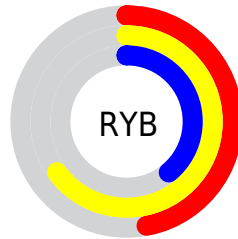
The Yxy color **30.3951, 0.3798, 0.4048** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.6377, 0.2450, 0.2391**, and the grayscale version is **29.7477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.2860, 0.3669, 0.3903**, and **12.4191, 0.4019, 0.4285** is the 20% darker color. If you saturate the color by 10%, you get **28.8678, 0.3982, 0.4228**, and if you desaturate by 10%, it is **32.0332, 0.3617, 0.3857**.

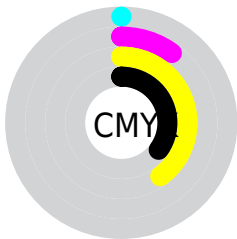
Distribution



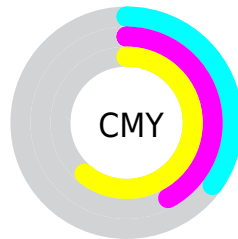
- Red (65%)
- Green (58%)
- Blue (39%)



- Red (47%)
- Yellow (65%)
- Blue (39%)



- Cyan (0%)
- Magenta (10%)
- Yellow (40%)
- Black (35%)





- Cyan (35%)
- Magenta (42%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.3951, 0.3798, 0.4048 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 30.3951, 0.3798, 0.4048 by changing the saturation by 10% instead.

 30.3951, 0.3798,
0.4048


 30.3951, 0.3798,
0.4048


303.7418, 0.3445,
0.3647

 20.1387, 0.3889,
0.4153


 60.2864, 0.3667,
0.3898


 12.4959, 0.4007,
0.4290


 80.6902, 0.3618,
0.3843

 7.0823, 0.4161,
0.4471

 105.2451, 0.3578,
0.3796

 3.5137, 0.4382,
0.4735

 134.3356, 0.3543,
0.3757

 1.4054, 0.4783,
0.5217

168.3462, 0.3513,
0.3724

 0.2207, 0.4414,
0.5586

207.6611, 0.3488,

 0.0000, 0.0000,

0.3695

0.0000

252.6649, 0.3465,
0.3669

■ 30.3951, 0.3798,
0.4048

■ 30.3951, 0.3798,
0.4048

■ 28.8678, 0.3982,
0.4228

■ 32.0332, 0.3617,
0.3857

■ 27.4427, 0.4161,
0.4387

■ 33.7819, 0.3442,
0.3664

■ 26.1165, 0.4328,
0.4516


■ 35.6465, 0.3279,
0.3473


■ 24.8835, 0.4475,
0.4605


■ 37.6304, 0.3127,
0.3290


■ 23.7377, 0.4596,
0.4649


■ 39.7370, 0.2988,
0.3117

 22.6651, 0.4693,
0.4655

 41.9695, 0.2863,
0.2955

 22.6638, 0.4694,
0.4655

 44.3309, 0.2750,
0.2805

 46.8242, 0.2648,
0.2668

 49.4521, 0.2557,
0.2542

Harmonies

Analogous

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



30.3951, 0.4027, 0.3780



30.3951, 0.3798, 0.4048



30.3951, 0.3396, 0.4118

Triad

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



30.3951, 0.3798, 0.4048



30.3951, 0.2326, 0.3056



30.3951, 0.3268, 0.2763

Complementary

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



30.3951, 0.3798, 0.4048



17.6377, 0.2450, 0.2391

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.



30.3951, 0.2812, 0.2584



30.3951, 0.3798, 0.4048



30.3951, 0.2297, 0.2721

Square

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



30.3951, 0.3798, 0.4048



30.3951, 0.2553, 0.3505



30.3951, 0.2467, 0.2562



30.3951, 0.3714, 0.3060

Rectangle

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



30.3951, 0.3798, 0.4048



30.3951, 0.3090, 0.4014



30.3951, 0.2467, 0.2562



30.3951, 0.3110, 0.2687

Sweetspot

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



30.3965, 0.3798, 0.4048



63.0739, 0.3314, 0.3515



18.1776, 0.3854, 0.3032



13.6996, 0.3334, 0.3538



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



30.3965, 0.3798, 0.4048



51.9921, 0.3961, 0.4209



34.1560, 0.3542, 0.4318



7.9448, 0.3267, 0.3459



17.2252, 0.4687, 0.4660



0.4285, 0.4476, 0.4828

Inverse Universe

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



17.6377, 0.2450, 0.2391



25.9678, 0.2284, 0.2148



15.3249, 0.2580, 0.2149



7.1260, 0.2987, 0.3115



3.2719, 0.1584, 0.0902



0.1372, 0.1768, 0.1565

Previews

White Background



This preview shows how the Yxy color 30.3951, 0.3798, 0.4048 looks on a white background.

Color Contrast Check

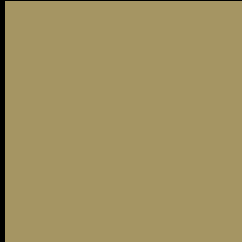
Large Text (above 18pt) WCAG AA × Fail

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 30.3951, 0.3798, 0.4048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

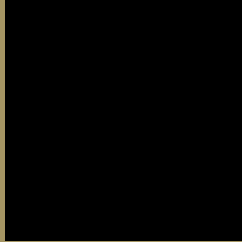
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3951, 0.3798, 0.4048

Background



This preview shows how black text looks on a background with the Yxy color 30.3951, 0.3798, 0.4048.



This preview shows how white text looks on a background with the Yxy color 30.3951, 0.3798, 0.4048.

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

30.3951, 0.3798, 0.4048

Protanopia

30.5001, 0.3770, 0.4069

Deuteranopia

30.2683, 0.3994, 0.3907



Tritanopia

30.3038, 0.3328, 0.3130

Trichromacy



Original Color

30.3951, 0.3798, 0.4048

Protanomaly

30.6061, 0.3781, 0.4065

Deuteranomaly

30.2849, 0.3925, 0.3948

Tritanomaly

30.3793, 0.3510, 0.3471

Monochromacy



Original Color

30.3951, 0.3798, 0.4048

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.6615, 0.3368, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3951, 0.3798, 0.4048 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(165, 149, 99)` looks like.

```
.text, #text, p{  
    color:rgb(165, 149, 99)  
}
```

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(165, 149, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 149, 99) }
```

Border

The CSS property to change the border of an element to Yxy 30.3951, 0.3798, 0.4048 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(165, 149, 99) }
```

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

```
.border{ border-color:rgb(165, 149, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 149, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 149, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 149, 99);  
box-shadow:4px 4px 4px 4px rgb(165, 149,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3951, 0.3798, 0.4048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 149, 99) }
```

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

```
.background{ background-color: rgb(165,  
149, 99) }
```

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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