

Converting Colors

$Yxy(34.9874, 0.3905, 0.4148)$

Have a look what the booklet for
Yxy(34.9874, 0.3905, 0.4148)
contains.

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Color

Yxy(34.7818, 0.3906, 0.4149)

Conversions

Conversions Part 1

Format	Color
Hex	B29E61
RGB	178, 158, 97
RGB Percent	70%, 62%, 38%
CMY	0.3020, 0.3804, 0.6195
CMYK	0.00, 0.11, 0.45, 0.30
HSL	45°, 34%, 54%
HSV	45°, 45%, 70%
XYZ	32.7447, 34.7818, 16.3053
YIQ	157.0260, 31.5010, -14.7310

Conversions

Conversions Part 2

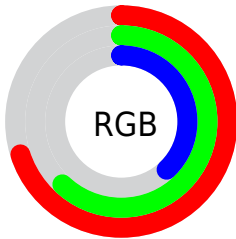
Format	Color
RYB	124, 178, 97
Decimal	11705953
CIELab	65.58, -1.12, 34.45
CIELCh	66, 34.464, 91.859
Yxy	34.7818, 0.3906, 0.4149
Android (android.graphics.Color)	4289896033 (0xFFB29E61)
YUV	157.0260, -29.5928, 18.3942
Hunter-Lab	58.9761, -4.1015, 24.8912

Details

The Yxy color **34.7818, 0.3906, 0.4149** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.4853, 0.2344, 0.2241**, and the grayscale version is **33.8561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9191, 0.3760, 0.3979**, and **15.0222, 0.4129, 0.4392** is the 20% darker color. If you saturate the color by 10%, you get **33.0151, 0.4090, 0.4318**, and if you desaturate by 10%, it is **36.6799, 0.3721, 0.3963**.

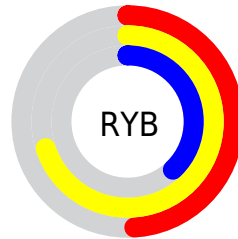
Distribution



Red (70%)

Green (62%)

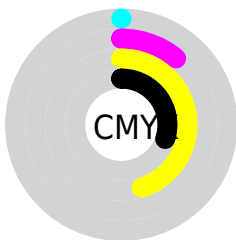
Blue (38%)



Red (49%)

Yellow (70%)

Blue (38%)

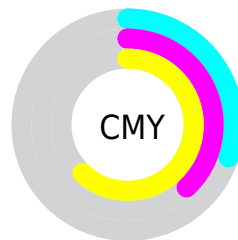


Cyan (0%)

Magenta (11%)

Yellow (45%)

Black (30%)



Cyan (30%)


Magenta (38%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7818, 0.3906, 0.4149 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 34.7818, 0.3906, 0.4149 by changing the saturation by 10% instead.


 34.7818, 0.3906,
0.4149


 34.7818, 0.3906,
0.4149


323.6042, 0.3508,
0.3708


 23.4948, 0.4004,
0.4259


 67.1476, 0.3761,
0.3988


 14.9593, 0.4127,
0.4397


 88.9952, 0.3707,
0.3927

 8.7908, 0.4282,
0.4573


 115.1319, 0.3661,
0.3876

 4.6050, 0.4486,
0.4809

 145.9419, 0.3621,
0.3833

 2.0174, 0.4811,
0.5189

181.8098, 0.3587,
0.3795

 0.6176, 0.4754,
0.5246

223.1199, 0.3557,

 0.0000, 0.0000,

0.3762

0.0000

270.2565, 0.3531,
0.3733

■ 34.7818, 0.3906,
0.4149

■ 34.7818, 0.3906,
0.4149

■ 33.0151, 0.4090,
0.4318

■ 36.6799, 0.3721,
0.3963

■ 31.3693, 0.4266,
0.4461

■ 38.7096, 0.3540,
0.3770

■ 29.8398, 0.4425,
0.4568

■ 40.8773, 0.3369,
0.3577

■ 28.4194, 0.4559,
0.4630

■ 43.1874, 0.3209,
0.3389

■ 27.0995, 0.4664,
0.4645

■ 45.6441, 0.3063,
0.3210

■ 26.5277, 0.4708,
0.4644

■ 48.2513, 0.2929,
0.3042

■ 51.0130, 0.2809,
0.2886

■ 53.9326, 0.2701,
0.2743

■ 56.8692, 0.2616,
0.2633

Harmonies

Analogous

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



34.7818, 0.4166, 0.3827



34.7818, 0.3906, 0.4149



34.7818, 0.3447, 0.4253

Triad

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



34.7818, 0.3906, 0.4149



34.7818, 0.2219, 0.3030



34.7818, 0.3267, 0.2681

Complementary

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



34.7818, 0.3906, 0.4149



18.4853, 0.2344, 0.2241

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.



34.7818, 0.2747, 0.2484



34.7818, 0.3906, 0.4149



34.7818, 0.2180, 0.2644

Square

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



34.7818, 0.3906, 0.4149



34.7818, 0.2480, 0.3555



34.7818, 0.2363, 0.2463



34.7818, 0.3788, 0.3011

Rectangle

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



34.7818, 0.3906, 0.4149



34.7818, 0.3097, 0.4145



34.7818, 0.2363, 0.2463



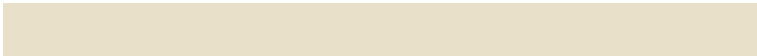
34.7818, 0.3085, 0.2598

Sweetspot

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



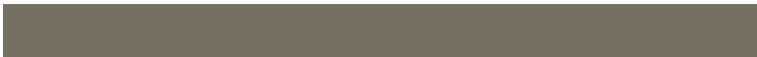
34.7834, 0.3906, 0.4149



74.6410, 0.3348, 0.3553



19.3109, 0.4013, 0.2996



16.3442, 0.3384, 0.3594



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



34.7834, 0.3906, 0.4149



59.7316, 0.4099, 0.4326



39.9457, 0.3594, 0.4468



9.5442, 0.3269, 0.3461



19.0854, 0.4700, 0.4650



0.6858, 0.4532, 0.4784

Inverse Universe

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



18.4853, 0.2344, 0.2241



26.3866, 0.2150, 0.1948



15.5710, 0.2481, 0.1963



8.5597, 0.2985, 0.3113



3.6717, 0.1585, 0.0904



0.2090, 0.1738, 0.1458

Previews

White Background



This preview shows how the Yxy color 34.7818, 0.3906, 0.4149 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 34.7818, 0.3906, 0.4149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

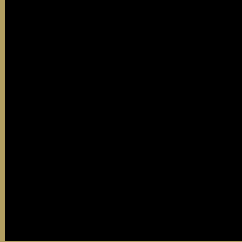
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7818, 0.3906, 0.4149

Background



This preview shows how black text looks on a background with the Yxy color 34.7818, 0.3906, 0.4149.



This preview shows how white text looks on a background with the Yxy color 34.7818, 0.3906, 0.4149.

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

34.7818, 0.3906, 0.4149

Protanopia

34.6768, 0.3849, 0.4163

Deuteranopia

34.6758, 0.4096, 0.4010



Tritanopia

34.7356, 0.3370, 0.3127

Trichromacy



Original Color

34.7818, 0.3906, 0.4149

Protanomaly

34.7921, 0.3859, 0.4160

Deuteranomaly

34.6844, 0.4030, 0.4051

Tritanomaly

34.5625, 0.3574, 0.3502

Monochromacy



Original Color

34.7818, 0.3906, 0.4149

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.8625, 0.3414, 0.3618

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7818, 0.3906, 0.4149 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(178, 158, 97)` looks like.

```
.text, #text, p{  
    color:rgb(178, 158, 97)  
}
```

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(178, 158, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 158, 97) }
```

Border

The CSS property to change the border of an element to Yxy 34.7818, 0.3906, 0.4149 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(178, 158, 97) }
```

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

```
.border{ border-color:rgb(178, 158, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 158, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 158, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 158, 97);  
box-shadow:4px 4px 4px 4px rgb(178, 158,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7818, 0.3906, 0.4149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 158, 97) }
```

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

```
.background{ background-color: rgb(178,  
158, 97) }
```

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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