

Converting Colors

$Yxy(37.7164, 0.3553, 0.4030)$

Have a look what the booklet for
Yxy(37.7164, 0.3553, 0.4030)
contains.

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Color

Yxy(37.8994, 0.3553, 0.4032)

Conversions

Conversions Part 1

Format	Color
Hex	A7A976
RGB	167, 169, 118
RGB Percent	65%, 66%, 46%
CMY	0.3451, 0.3373, 0.5372
CMYK	0.01, 0.00, 0.30, 0.34
HSL	62°, 23%, 56%
HSV	62°, 30%, 66%
XYZ	33.3970, 37.8994, 22.7002
YIQ	162.5880, 15.1790, -16.2850

Conversions

Conversions Part 2

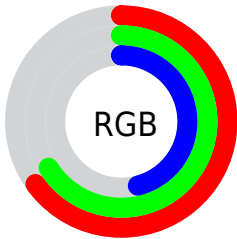
Format	Color
RYB	118, 169, 120
Decimal	10987894
CIELab	67.95, -9.01, 26.14
CIELCh	68, 27.654, 109.021
Yxy	37.8994, 0.3553, 0.4032
Android (android.graphics.Color)	4289177974 (0xFFA7A976)
YUV	162.5880, -21.9819, 3.8693
Hunter-Lab	61.5625, -10.9001, 21.2315

Details

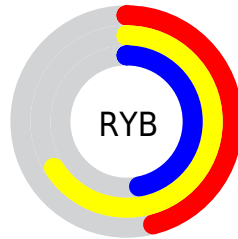
The Yxy color **37.8994, 0.3553, 0.4032** is a light color, and the websafe version is hex **999966**. A complement of this color would be **19.8196, 0.2626, 0.2434**, and the grayscale version is **36.5238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9396, 0.3476, 0.3880**, and **16.7297, 0.3666, 0.4267** is the 20% darker color. If you saturate the color by 10%, you get **37.4630, 0.3689, 0.4273**, and if you desaturate by 10%, it is **38.4116, 0.3411, 0.3783**.

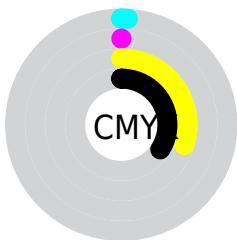
Distribution



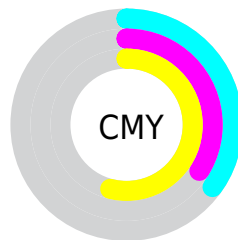
- Red (65%)
- Green (66%)
- Blue (46%)



- Red (46%)
- Yellow (66%)
- Blue (47%)



- Cyan (1%)
- Magenta (0%)
- Yellow (30%)
- Black (34%)





- Cyan (35%)
- Magenta (34%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8994, 0.3553, 0.4032 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 37.8994, 0.3553, 0.4032 by changing the saturation by 10% instead.


 37.8994, 0.3553,
0.4032


 37.8994, 0.3553,
0.4032


337.1882, 0.3339,
0.3643


 25.9046, 0.3605,
0.4134


 71.9539, 0.3476,
0.3887

 16.7523, 0.3671,
0.4267


 94.7824, 0.3447,
0.3834

 10.0580, 0.3754,
0.4447


 121.9910, 0.3422,
0.3789

 5.4375, 0.3860,
0.4701

153.9640, 0.3401,
0.3751

 2.5062, 0.4092,
0.5210

191.0858, 0.3382,
0.3718

 0.8797, 0.4119,
0.5881

233.7409, 0.3366,

 0.0000, 0.0000,

0.3690

0.0000

282.3136, 0.3352,
0.3665

■ 37.8994, 0.3553,
0.4032

■ 37.8994, 0.3553,
0.4032

■ 37.4630, 0.3689,
0.4273

■ 38.4116, 0.3411,
0.3783

■ 37.0933, 0.3814,
0.4497

■ 38.9980, 0.3269,
0.3535

■ 36.7880, 0.3922,
0.4694


■ 39.6637, 0.3129,
0.3294

■ 36.5423, 0.4009,
0.4857


■ 40.4117, 0.2996,
0.3064

■ 36.3510, 0.4071,
0.4980

■ 41.2451, 0.2870,
0.2849


 36.2077, 0.4109,
0.5059

 42.1666, 0.2754,
0.2650

 36.1002, 0.4126,
0.5106

 43.1789, 0.2646,
0.2468

 44.2845, 0.2548,
0.2302

 44.4736, 0.2543,
0.2286

Harmonies

Analogous

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



37.8994, 0.3852, 0.3881



37.8994, 0.3553, 0.4032



37.8994, 0.3151, 0.3962

Triad

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



37.8994, 0.3553, 0.4032



37.8994, 0.2364, 0.2902



37.8994, 0.3480, 0.2947

Complementary

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



37.8994, 0.3553, 0.4032



19.8196, 0.2626, 0.2434

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.



37.8994, 0.3059, 0.2720



37.8994, 0.3553, 0.4032



37.8994, 0.2436, 0.2679

Square

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



37.8994, 0.3553, 0.4032



37.8994, 0.2477, 0.3264



37.8994, 0.2682, 0.2621



37.8994, 0.3817, 0.3258

Rectangle

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



37.8994, 0.3553, 0.4032



37.8994, 0.2882, 0.3786



37.8994, 0.2682, 0.2621



37.8994, 0.3343, 0.2860

Sweetspot

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



37.9011, 0.3553, 0.4032



69.9568, 0.3255, 0.3511



23.1088, 0.3779, 0.3318



15.2132, 0.3274, 0.3545



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.



37.9011, 0.3553, 0.4032



67.3562, 0.3642, 0.4190



35.4183, 0.3305, 0.4096



8.7587, 0.3256, 0.3514



26.9109, 0.4127, 0.5105



0.6592, 0.4150, 0.5087

Inverse Universe

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



19.8196, 0.2626, 0.2434



29.8677, 0.2498, 0.2217



21.8647, 0.2893, 0.2495



7.3140, 0.2992, 0.3057



2.1722, 0.1516, 0.0609



0.0571, 0.1587, 0.0648

Previews

White Background



This preview shows how the Yxy color 37.8994, 0.3553, 0.4032 looks on a white background.

Color Contrast Check

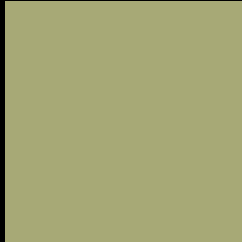
Large Text (above 18pt) WCAG AA × Fail

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 37.8994, 0.3553, 0.4032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

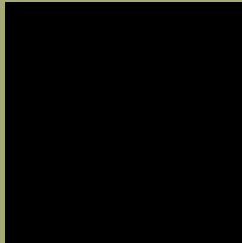
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8994, 0.3553, 0.4032

Background



This preview shows how black text looks on a background with the Yxy color 37.8994, 0.3553, 0.4032.



This preview shows how white text looks on a background with the Yxy color 37.8994, 0.3553, 0.4032.

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

37.8994, 0.3553, 0.4032

Protanopia

37.7549, 0.3709, 0.3978

Deuteranopia

37.8881, 0.3875, 0.3808



Tritanopia

37.9345, 0.3126, 0.3111

Trichromacy



Original Color

37.8994, 0.3553, 0.4032

Protanomaly

37.6708, 0.3654, 0.3987

Deuteranomaly

37.8406, 0.3752, 0.3897

Tritanomaly

37.9013, 0.3281, 0.3447

Monochromacy



Original Color

37.8994, 0.3553, 0.4032

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.9094, 0.3276, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8994, 0.3553, 0.4032 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(167, 169, 118)` looks like.

```
.text, #text, p{  
    color:rgb(167, 169, 118)  
}
```

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(167, 169, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 169, 118) }
```

Border

The CSS property to change the border of an element to Yxy 37.8994, 0.3553, 0.4032 is called "border". The border property can be set on classes, ids or directly on the HTML element.

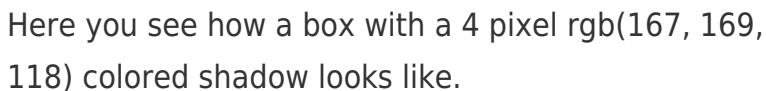
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 169, 118) }
```

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

```
.border{ border-color:rgb(167, 169, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 169, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 169, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 169, 118); box-shadow:4px 4px 4px 4px rgb(167, 169, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8994, 0.3553, 0.4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 169, 118) }
```

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

```
.background{ background-color: rgb(167,  
169, 118) }
```

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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