

Converting Colors

$Yxy(36.9859, 0.3727, 0.3911)$

Have a look what the booklet for
Yxy(36.9859, 0.3727, 0.3911)
contains.

Yxy(36.9724, 0.3724, 0.3907)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.9724, 0.3724, 0.3907)

Conversions

Conversions Part 1

Format	Color
Hex	B5A276
RGB	181, 162, 118
RGB Percent	71%, 64%, 46%
CMY	0.2903, 0.3646, 0.5373
CMYK	0.00, 0.10, 0.35, 0.29
HSL	42°, 30%, 59%
HSV	42°, 35%, 71%
XYZ	35.2406, 36.9724, 22.4181
YIQ	162.6650, 25.4480, -9.6560

Conversions

Conversions Part 2

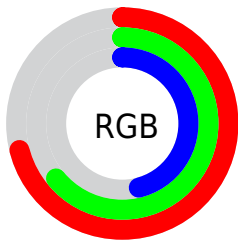
Format	Color
RYB	145, 181, 118
Decimal	11903606
CIELab	67.26, 0.34, 25.45
CIELCh	67, 25.449, 89.238
Yxy	36.9724, 0.3724, 0.3907
Android (android.graphics.Color)	4290093686 (0xFFB5A276)
YUV	162.6650, -22.0198, 16.0798
Hunter-Lab	60.8049, -2.9556, 20.7039

Details

The Yxy color **36.9724, 0.3724, 0.3907** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.0640, 0.2550, 0.2583**, and the grayscale version is **36.5556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7051, 0.3617, 0.3798**, and **16.3106, 0.3899, 0.4100** is the 20% darker color. If you saturate the color by 10%, you get **34.7065, 0.3921, 0.4083**, and if you desaturate by 10%, it is **39.4074, 0.3536, 0.3726**.

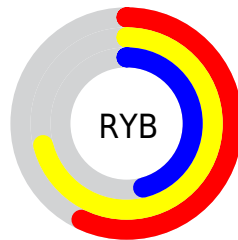
Distribution



Red (71%)

Green (64%)

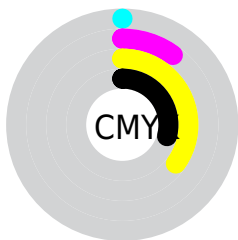
Blue (46%)



Red (57%)

Yellow (71%)

Blue (46%)

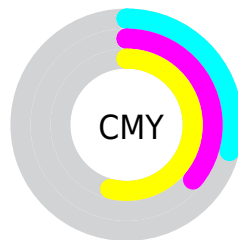


Cyan (0%)

Magenta (10%)

Yellow (35%)

Black (29%)



Cyan (29%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9724, 0.3724, 0.3907 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 36.9724, 0.3724, 0.3907 by changing the saturation by 10% instead.


 36.9724, 0.3724,
0.3907


 36.9724, 0.3724,
0.3907


333.1910, 0.3417,
0.3590

 25.1861, 0.3802,
0.3987


 70.5303, 0.3611,
0.3791

 16.2158, 0.3902,
0.4091


 93.0708, 0.3569,
0.3747

 9.6770, 0.4035,
0.4227


 119.9647, 0.3534,
0.3711

 5.1853, 0.4216,
0.4411

151.5966, 0.3503,
0.3679

 2.3564, 0.4591,
0.4796

188.3508, 0.3477,
0.3653

 0.8033, 0.4900,
0.5100

230.6116, 0.3455,

 0.0000, 0.0000,

0.3629

0.0000

278.7636, 0.3435,
0.3608

■ 36.9724, 0.3724,
0.3907

■ 36.9724, 0.3724,
0.3907

■ 34.7065, 0.3921,
0.4083

■ 39.4074, 0.3536,
0.3726

■ 32.5988, 0.4120,
0.4244

■ 42.0117, 0.3361,
0.3545

■ 30.6447, 0.4315,
0.4380


■ 44.7922, 0.3199,
0.3371

■ 28.8373, 0.4497,
0.4480


■ 47.7535, 0.3053,
0.3205

■ 27.1687, 0.4656,
0.4536


■ 50.9003, 0.2921,
0.3050


 25.6296, 0.4785,
0.4543

 54.2368, 0.2803,
0.2906

 24.8699, 0.4845,
0.4535

 57.7673, 0.2697,
0.2774

 60.9849, 0.2645,
0.2731

 63.6462, 0.2652,
0.2794

Harmonies

Analogous

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



36.9724, 0.3887, 0.3675



36.9724, 0.3724, 0.3907



36.9724, 0.3403, 0.3980

Triad

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



36.9724, 0.3724, 0.3907



36.9724, 0.2466, 0.3143



36.9724, 0.3199, 0.2819

Complementary

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



36.9724, 0.3724, 0.3907



25.0640, 0.2550, 0.2583

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.



36.9724, 0.2823, 0.2682



36.9724, 0.3724, 0.3907



36.9724, 0.2419, 0.2843

Square

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



36.9724, 0.3724, 0.3907



36.9724, 0.2681, 0.3517



36.9724, 0.2545, 0.2685



36.9724, 0.3577, 0.3064

Rectangle

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



36.9724, 0.3724, 0.3907



36.9724, 0.3148, 0.3909



36.9724, 0.2545, 0.2685



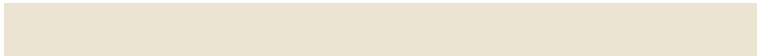
36.9724, 0.3068, 0.2759

Sweetspot

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



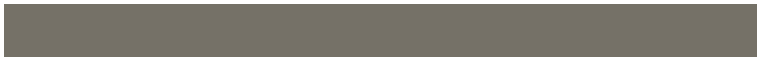
36.9741, 0.3724, 0.3907



77.5379, 0.3284, 0.3464



24.6100, 0.3676, 0.3005



16.6109, 0.3307, 0.3488



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.



36.9741, 0.3724, 0.3907



63.0097, 0.3879, 0.4047



42.8245, 0.3534, 0.4176



9.4662, 0.3270, 0.3449



17.2775, 0.4835, 0.4543



0.6401, 0.4618, 0.4715

Inverse Universe

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



25.0640, 0.2550, 0.2583



38.3871, 0.2407, 0.2388



21.0016, 0.2619, 0.2297



8.6334, 0.2985, 0.3126



4.2577, 0.1618, 0.1024



0.2390, 0.1781, 0.1611

Previews

White Background



This preview shows how the Yxy color 36.9724, 0.3724, 0.3907 looks on a white background.

Color Contrast Check

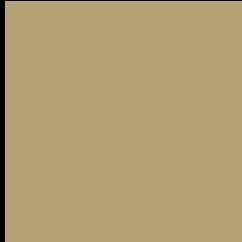
Large Text (above 18pt) WCAG AA × Fail

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 36.9724, 0.3724, 0.3907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

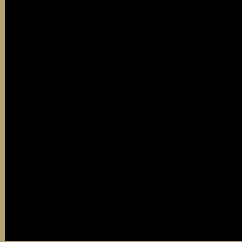
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9724, 0.3724, 0.3907

Background



This preview shows how black text looks on a background with the Yxy color 36.9724, 0.3724, 0.3907.



This preview shows how white text looks on a background with the Yxy color 36.9724, 0.3724, 0.3907.

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

36.9724, 0.3724, 0.3907

Protanopia

37.1129, 0.3655, 0.3931

Deuteranopia

36.9152, 0.3874, 0.3800



Tritanopia

37.0432, 0.3312, 0.3129

Trichromacy



Original Color

36.9724, 0.3724, 0.3907

Protanomaly

36.9913, 0.3680, 0.3913

Deuteranomaly

36.9470, 0.3812, 0.3836

Tritanomaly

36.8461, 0.3461, 0.3401

Monochromacy



Original Color

36.9724, 0.3724, 0.3907

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.8470, 0.3338, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9724, 0.3724, 0.3907 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(181, 162, 118)` looks like.

```
.text, #text, p{  
    color:rgb(181, 162, 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(181, 162, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 162, 118) }
```

Border

The CSS property to change the border of an element to Yxy 36.9724, 0.3724, 0.3907 is called "border". The border property can be set on classes, ids or directly on the HTML element.

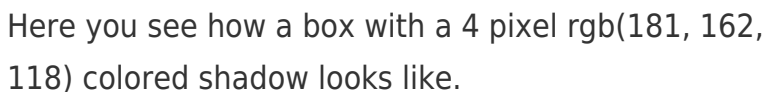
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 162, 118) }
```

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

```
.border{ border-color:rgb(181, 162, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 162, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 162, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 162, 118); box-shadow:4px 4px 4px 4px rgb(181, 162, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9724, 0.3724, 0.3907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 162, 118) }
```

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

```
.background{ background-color: rgb(181,  
162, 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](#).

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