

Converting Colors

$Yxy(43.3101, 0.3614, 0.4408)$

Have a look what the booklet for
Yxy(43.3101, 0.3614, 0.4408)
contains.

Yxy(43.4757, 0.3612, 0.4420)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.4757, 0.3612, 0.4420)

Conversions

Conversions Part 1

Format	Color
Hex	A7B867
RGB	167, 184, 103
RGB Percent	65%, 72%, 40%
CMY	0.3450, 0.2784, 0.5960
CMYK	0.09, 0.00, 0.44, 0.28
HSL	73°, 36%, 56%
HSV	73°, 44%, 72%
XYZ	35.5281, 43.4757, 19.3575
YIQ	169.6830, 15.8690, -28.7950

Conversions

Conversions Part 2

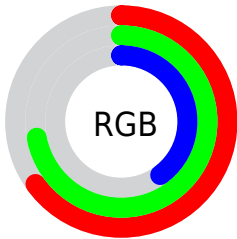
Format	Color
RYB	103, 184, 120
Decimal	10991719
CIELab	71.88, -18.60, 39.05
CIELCh	72, 43.257, 115.471
Yxy	43.4757, 0.3612, 0.4420
Android (android.graphics.Color)	4289181799 (0xFFA7B867)
YUV	169.6830, -32.8747, -2.3530
Hunter-Lab	65.9361, -19.2077, 28.7489

Details

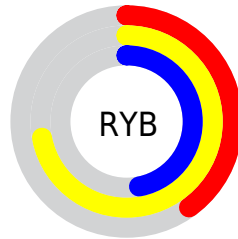
The Yxy color **43.4757, 0.3612, 0.4420** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.1605, 0.2473, 0.1997**, and the grayscale version is **40.1961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3747, 0.3537, 0.4211**, and **20.0004, 0.3709, 0.4765** is the 20% darker color. If you saturate the color by 10%, you get **42.7336, 0.3700, 0.4665**, and if you desaturate by 10%, it is **44.3156, 0.3510, 0.4161**.

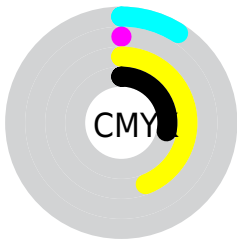
Distribution



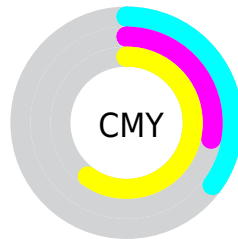
- Red (65%)
- Green (72%)
- Blue (40%)



- Red (40%)
- Yellow (72%)
- Blue (47%)



- Cyan (9%)
- Magenta (0%)
- Yellow (44%)
- Black (28%)




- Cyan (35%)
- Magenta (28%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4757, 0.3612, 0.4420 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 43.4757, 0.3612, 0.4420 by changing the saturation by 10% instead.


 43.4757, 0.3612,
0.4420

 43.4757, 0.3612,
0.4420


360.5644, 0.3387,
0.3836

 30.2585, 0.3659,
0.4568


 80.4282, 0.3536,
0.4206


 20.0349, 0.3712,
0.4756


 104.9324, 0.3506,
0.4126

 12.4204, 0.3769,
0.5003


 133.9676, 0.3480,
0.4058

 7.0307, 0.3818,
0.5333

 167.9184, 0.3457,
0.4001

 3.4813, 0.3980,
0.6020

207.1691, 0.3436,
0.3951

 1.3879, 0.3644,
0.6356

252.1040, 0.3418,

 0.2078, 0.0000,

0.3908

1.0000

303.1077, 0.3402,
0.3870

■ 0.0000, 0.0000,
0.0000

■ 43.4757, 0.3612,
0.4420

■ 43.4757, 0.3612,
0.4420

■ 42.7336, 0.3700,
0.4665

■ 44.3156, 0.3510,
0.4161

■ 42.0779, 0.3770,
0.4883

■ 45.2523, 0.3400,
0.3897

■ 41.5044, 0.3817,
0.5067


■ 46.2926, 0.3286,
0.3636

■ 41.0061, 0.3839,
0.5207

■ 47.4407, 0.3172,
0.3386

■ 40.5744, 0.3836,
0.5301


■ 48.7005, 0.3061,
0.3151

 40.3371, 0.3827,
0.5343

 50.0761, 0.2956,
0.2932

 51.5709, 0.2856,
0.2731

 53.1884, 0.2764,
0.2548

 54.0229, 0.2761,
0.2508

Harmonies

Analogous

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



43.4757, 0.4111, 0.4210



43.4757, 0.3612, 0.4420



43.4757, 0.3010, 0.4259

Triad

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



43.4757, 0.3612, 0.4420



43.4757, 0.2030, 0.2611



43.4757, 0.3777, 0.2876

Complementary

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



43.4757, 0.3612, 0.4420



17.1605, 0.2473, 0.1997

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.



43.4757, 0.3149, 0.2530



43.4757, 0.3612, 0.4420



43.4757, 0.2185, 0.2362

Square

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



43.4757, 0.3612, 0.4420



43.4757, 0.2125, 0.3099



43.4757, 0.2574, 0.2345



43.4757, 0.4237, 0.3321

Rectangle

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



43.4757, 0.3612, 0.4420



43.4757, 0.2633, 0.3937



43.4757, 0.2574, 0.2345



43.4757, 0.3575, 0.2746

Sweetspot

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



43.4776, 0.3612, 0.4420



84.0754, 0.3277, 0.3616



24.4165, 0.4162, 0.3524



18.0313, 0.3302, 0.3673



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.4776, 0.3612, 0.4420



77.4819, 0.3699, 0.4662



39.7972, 0.3255, 0.4563



10.4057, 0.3232, 0.3518



27.8312, 0.3831, 0.5340



1.0053, 0.3930, 0.5261

Inverse Universe

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



17.1605, 0.2473, 0.1997



23.5234, 0.2290, 0.1670



20.6100, 0.2899, 0.2138



8.8078, 0.3016, 0.3056



2.7024, 0.1616, 0.0664



0.1221, 0.1872, 0.0805

Previews

White Background



This preview shows how the Yxy color 43.4757, 0.3612, 0.4420 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 43.4757, 0.3612, 0.4420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

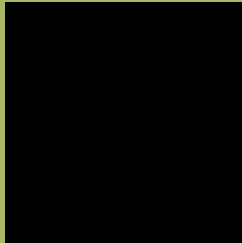
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4757, 0.3612, 0.4420

Background



This preview shows how black text looks on a background with the Yxy color 43.4757, 0.3612, 0.4420.



This preview shows how white text looks on a background with the Yxy color 43.4757, 0.3612, 0.4420.

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

43.4757, 0.3612, 0.4420

Protanopia

43.3082, 0.3925, 0.4269

Deuteranopia

43.2129, 0.4112, 0.4030



Tritanopia

43.2501, 0.3040, 0.3105

Trichromacy



Original Color

43.4757, 0.3612, 0.4420

Protanomaly

43.3701, 0.3813, 0.4325

Deuteranomaly

43.0485, 0.3919, 0.4165

Tritanomaly

43.1593, 0.3255, 0.3580

Monochromacy



Original Color

43.4757, 0.3612, 0.4420

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.1703, 0.3315, 0.3701

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4757, 0.3612, 0.4420 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, 184, 103)` looks like.

```
.text, #text, p{  
    color:rgb(167, 184, 103)  
}
```

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, 184, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 184, 103) }
```

Border

The CSS property to change the border of an element to Yxy 43.4757, 0.3612, 0.4420 is called "border". The border property can be set on classes, ids or directly on the HTML element.

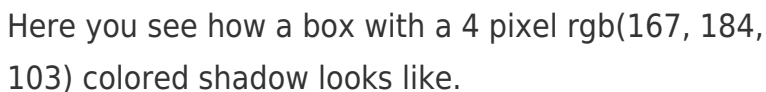
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 184, 103) }
```

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

```
.border{ border-color:rgb(167, 184, 103) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 184, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 184, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 184, 103); box-shadow:4px 4px 4px 4px rgb(167, 184, 103) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4757, 0.3612, 0.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 184, 103) }
```

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

```
.background{ background-color: rgb(167,  
184, 103) }
```

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