

Converting Colors

$Yxy(43.6543, 0.3836, 0.4054)$

Have a look what the booklet for
Yxy(43.6543, 0.3836, 0.4054)
contains.

Yxy(43.6567, 0.3831, 0.4054)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.6567, 0.3831, 0.4054)

Conversions

Conversions Part 1

Format	Color
Hex	C4AF74
RGB	196, 175, 116
RGB Percent	77%, 69%, 45%
CMY	0.2312, 0.3138, 0.5451
CMYK	0.00, 0.11, 0.41, 0.23
HSL	44°, 40%, 61%
HSV	44°, 41%, 77%
XYZ	41.2553, 43.6567, 22.7760
YIQ	174.5530, 31.4550, -13.8970

Conversions

Conversions Part 2

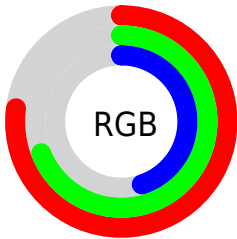
Format	Color
RYB	144, 196, 116
Decimal	12889972
CIELab	72.00, -0.73, 33.00
CIELCh	72, 33.006, 91.267
Yxy	43.6567, 0.3831, 0.4054
Android (android.graphics.Color)	4291080052 (0xFFC4AF74)
YUV	174.5530, -28.8666, 18.8090
Hunter-Lab	66.0732, -4.1750, 25.8135

Details

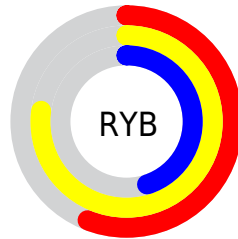
The Yxy color **43.6567, 0.3831, 0.4054** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.6073, 0.2429, 0.2381**, and the grayscale version is **42.7697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5290, 0.3707, 0.3911**, and **20.2339, 0.4015, 0.4258** is the 20% darker color. If you saturate the color by 10%, you get **41.2808, 0.4022, 0.4230**, and if you desaturate by 10%, it is **46.2095, 0.3643, 0.3866**.

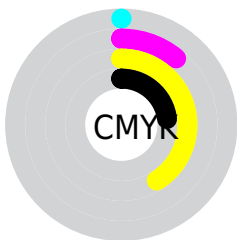
Distribution



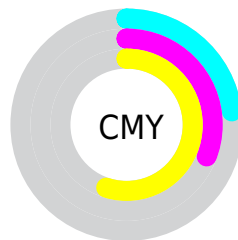
- Red (77%)
- Green (69%)
- Blue (45%)



- Red (56%)
- Yellow (77%)
- Blue (45%)



- Cyan (0%)
- Magenta (11%)
- Yellow (41%)
- Black (23%)




- Cyan (23%)
- Magenta (31%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6567, 0.3831, 0.4054 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 43.6567, 0.3831, 0.4054 by changing the saturation by 10% instead.

 43.6567, 0.3831,
0.4054

 43.6567, 0.3831,
0.4054


361.3055, 0.3482,
0.3674


 30.4007, 0.3915,
0.4146


 80.7009, 0.3706,
0.3918

 20.1429, 0.4019,
0.4260


 105.2579, 0.3659,
0.3866

 12.4990, 0.4151,
0.4406


 134.3507, 0.3618,
0.3822

 7.0845, 0.4320,
0.4593

168.3637, 0.3583,
0.3784

 3.5150, 0.4606,
0.4912

207.6813, 0.3553,
0.3751

 1.4061, 0.4828,
0.5172

252.6879, 0.3527,

 0.2212, 0.4652,

0.3722

0.5348

303.7678, 0.3503,
0.3697

0.0000, 0.0000,
0.0000

43.6567, 0.3831,
0.4054

43.6567, 0.3831,
0.4054

41.2808, 0.4022,
0.4230

46.2095, 0.3643,
0.3866

39.0689, 0.4208,
0.4384

48.9396, 0.3463,
0.3675

37.0153, 0.4382,
0.4505

51.8550, 0.3295,
0.3486

35.1113, 0.4535,
0.4584

54.9612, 0.3139,
0.3305

33.3469, 0.4660,
0.4616

58.2637, 0.2998,
0.3133

■ 31.8341, 0.4752,
0.4609

■ 61.7673, 0.2870,
0.2973

■ 65.4771, 0.2756,
0.2826

■ 68.1947, 0.2750,
0.2866

■ 70.8821, 0.2755,
0.2924

Harmonies

Analogous

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



43.6567, 0.4053, 0.3771



43.6567, 0.3831, 0.4054



43.6567, 0.3426, 0.4141

Triad

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



43.6567, 0.3831, 0.4054



43.6567, 0.2316, 0.3073



43.6567, 0.3245, 0.2738

Complementary

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



43.6567, 0.3831, 0.4054



25.6073, 0.2429, 0.2381

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.



43.6567, 0.2782, 0.2563



43.6567, 0.3831, 0.4054



43.6567, 0.2275, 0.2721

Square

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



43.6567, 0.3831, 0.4054



43.6567, 0.2558, 0.3536



43.6567, 0.2438, 0.2550



43.6567, 0.3706, 0.3036

Rectangle

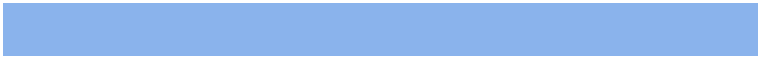
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.6567, 0.3831, 0.4054



43.6567, 0.3114, 0.4046



43.6567, 0.2438, 0.2550



43.6567, 0.3083, 0.2664

Sweetspot

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



43.6587, 0.3831, 0.4054



93.1559, 0.3317, 0.3511



26.0491, 0.3872, 0.3006



19.7864, 0.3339, 0.3536



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



43.6587, 0.3831, 0.4054



75.1892, 0.4002, 0.4212



50.1492, 0.3566, 0.4349



11.2955, 0.3271, 0.3459



20.5919, 0.4742, 0.4617



0.9970, 0.4594, 0.4734

Inverse Universe

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



25.6073, 0.2429, 0.2381



38.1328, 0.2263, 0.2138



21.6035, 0.2544, 0.2102



10.1692, 0.2984, 0.3115



4.2346, 0.1592, 0.0931



0.2999, 0.1719, 0.1389

Previews

White Background



This preview shows how the Yxy color 43.6567, 0.3831, 0.4054 looks on a white background.

Color Contrast Check

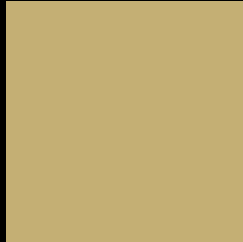
Large Text (above 18pt) WCAG AA × Fail

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 43.6567, 0.3831, 0.4054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

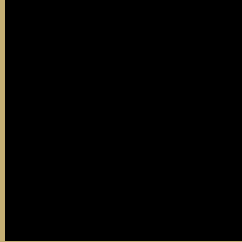
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6567, 0.3831, 0.4054

Background



This preview shows how black text looks on a background with the Yxy color 43.6567, 0.3831, 0.4054.



This preview shows how white text looks on a background with the Yxy color 43.6567, 0.3831, 0.4054.

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

43.6567, 0.3831, 0.4054

Protanopia

43.9351, 0.3774, 0.4077

Deuteranopia

43.6573, 0.4009, 0.3929



Tritanopia

43.6292, 0.3348, 0.3129

Trichromacy



Original Color

43.6567, 0.3831, 0.4054

Protanomaly

43.6725, 0.3788, 0.4062

Deuteranomaly

43.5320, 0.3940, 0.3968

Tritanomaly

43.4631, 0.3523, 0.3458

Monochromacy



Original Color

43.6567, 0.3831, 0.4054

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.0603, 0.3377, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6567, 0.3831, 0.4054 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(196, 175, 116)` looks like.

```
.text, #text, p{  
    color:rgb(196, 175, 116)  
}
```

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(196, 175, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 175, 116) }
```

Border

The CSS property to change the border of an element to Yxy 43.6567, 0.3831, 0.4054 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(196, 175, 116) }
```

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

```
.border{ border-color:rgb(196, 175, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 175, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 175, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 175, 116);  
box-shadow:4px 4px 4px 4px rgb(196, 175,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6567, 0.3831, 0.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 175, 116) }
```

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

```
.background{ background-color: rgb(196,  
175, 116) }
```

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