

Converting Colors

$Yxy(43.0915, 0.3898, 0.4397)$

Have a look what the booklet for
Yxy(43.0915, 0.3898, 0.4397)
contains.

Yxy(43.0702, 0.3897, 0.4401)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.0702, 0.3897, 0.4401)

Conversions

Conversions Part 1

Format	Color
Hex	BAB25D
RGB	186, 178, 93
RGB Percent	73%, 70%, 36%
CMY	0.2708, 0.3019, 0.6353
CMYK	0.00, 0.04, 0.50, 0.27
HSL	55°, 40%, 55%
HSV	55°, 50%, 73%
XYZ	38.1378, 43.0702, 16.6566
YIQ	170.7020, 32.0530, -24.7390

Conversions

Conversions Part 2

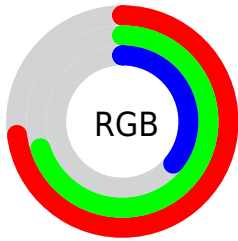
Format	Color
RYB	102, 186, 93
Decimal	12235357
CIELab	71.60, -8.81, 44.07
CIELCh	72, 44.947, 101.304
Yxy	43.0702, 0.3897, 0.4401
Android (android.graphics.Color)	4290425437 (0xFFBAB25D)
YUV	170.7020, -38.3071, 13.4163
Hunter-Lab	65.6279, -11.1185, 30.8915

Details

The Yxy color **43.0702, 0.3897, 0.4401** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **15.1637, 0.2208, 0.1859**, and the grayscale version is **40.7490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1231, 0.3773, 0.4207**, and **19.9214, 0.4070, 0.4698** is the 20% darker color. If you saturate the color by 10%, you get **42.1534, 0.4033, 0.4583**, and if you desaturate by 10%, it is **44.0784, 0.3747, 0.4194**.

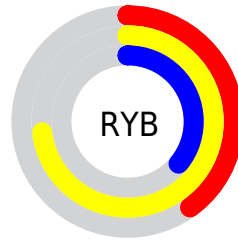
Distribution



Red (73%)

Green (70%)

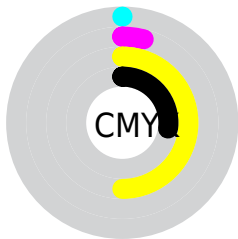
Blue (36%)



Red (40%)

Yellow (73%)

Blue (36%)

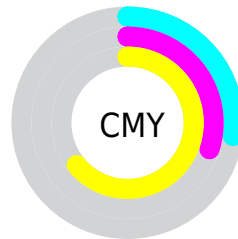


Cyan (0%)

Magenta (4%)

Yellow (50%)

Black (27%)



Cyan (27%)


Magenta (30%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0702, 0.3897, 0.4401 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 43.0702, 0.3897, 0.4401 by changing the saturation by 10% instead.


 43.0702, 0.3897,
0.4401


 43.0702, 0.3897,
0.4401


358.9004, 0.3529,
0.3844


 29.9402, 0.3978,
0.4534


 79.8168, 0.3770,
0.4202


 19.7932, 0.4072,
0.4698


 104.2022, 0.3721,
0.4126

 12.2448, 0.4180,
0.4901


 133.1081, 0.3678,
0.4061

 6.9106, 0.4298,
0.5158

 166.9190, 0.3640,
0.4006

 3.4063, 0.4456,
0.5544

206.0193, 0.3607,
0.3957

 1.3473, 0.4301,
0.5699

250.7934, 0.3578,

 0.1774, 0.0000,

0.3915

1.0000

301.6256, 0.3552,
0.3878

0.0000, 0.0000,
0.0000

43.0702, 0.3897,
0.4401

43.0702, 0.3897,
0.4401

42.1534, 0.4033,
0.4583

44.0784, 0.3747,
0.4194

41.3162, 0.4150,
0.4730

45.1773, 0.3590,
0.3971

40.5537, 0.4242,
0.4837


46.3739, 0.3431,
0.3741


39.8580, 0.4308,
0.4900


47.6727, 0.3276,
0.3512


39.2130, 0.4351,
0.4927


49.0779, 0.3127,
0.3290

 39.2125, 0.4351,
0.4927

 50.5935, 0.2987,
0.3078

 52.2231, 0.2857,
0.2880

 53.9705, 0.2738,
0.2697

 55.4894, 0.2661,
0.2581

Harmonies

Analogous

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



43.0702, 0.4311, 0.4054



43.0702, 0.3897, 0.4401



43.0702, 0.3300, 0.4438

Triad

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



43.0702, 0.3897, 0.4401



43.0702, 0.2003, 0.2791



43.0702, 0.3501, 0.2673

Complementary

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



43.0702, 0.3897, 0.4401



15.1637, 0.2208, 0.1859

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.



43.0702, 0.2848, 0.2388



43.0702, 0.3897, 0.4401



43.0702, 0.2043, 0.2416

Square

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



43.0702, 0.3897, 0.4401



43.0702, 0.2224, 0.3395



43.0702, 0.2333, 0.2291



43.0702, 0.4094, 0.3093

Rectangle

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



43.0702, 0.3897, 0.4401



43.0702, 0.2883, 0.4222



43.0702, 0.2333, 0.2291



43.0702, 0.3278, 0.2560

Sweetspot

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



43.0722, 0.3897, 0.4401



85.1927, 0.3357, 0.3632



19.2259, 0.4373, 0.3165



18.6521, 0.3390, 0.3681



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.0722, 0.3897, 0.4401



76.2864, 0.4046, 0.4599



42.2580, 0.3504, 0.4645



10.3686, 0.3266, 0.3497



26.4488, 0.4349, 0.4929



0.9712, 0.4304, 0.4964

Inverse Universe

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



15.1637, 0.2208, 0.1859



19.9656, 0.1990, 0.1500



16.1303, 0.2543, 0.1864



8.8395, 0.2984, 0.3074



2.6802, 0.1519, 0.0666



0.1361, 0.1588, 0.0915

Previews

White Background



This preview shows how the Yxy color 43.0702, 0.3897, 0.4401 looks on a white background.

Color Contrast Check

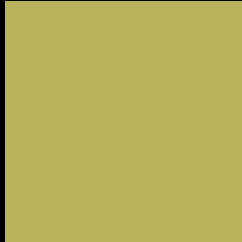
Large Text (above 18pt) WCAG AA × Fail

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 43.0702, 0.3897, 0.4401 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 43.0702, 0.3897, 0.4401

Background



This preview shows how black text looks on a background with the Yxy color 43.0702, 0.3897, 0.4401.



This preview shows how white text looks on a background with the Yxy color 43.0702, 0.3897, 0.4401.

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

43.0702, 0.3897, 0.4401

Protanopia

43.1608, 0.3985, 0.4360

Deuteranopia

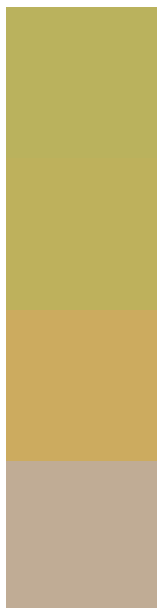
42.7781, 0.4220, 0.4135



Tritanopia

42.9436, 0.3263, 0.3125

Trichromacy



Original Color

43.0702, 0.3897, 0.4401

Protanomaly

43.1641, 0.3950, 0.4384

Deuteranomaly

42.7894, 0.4103, 0.4228

Tritanomaly

42.8814, 0.3514, 0.3594

Monochromacy



Original Color

43.0702, 0.3897, 0.4401

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.4854, 0.3409, 0.3721

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0702, 0.3897, 0.4401 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(186, 178, 93)` looks like.

```
.text, #text, p{  
    color:rgb(186, 178, 93)  
}
```

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(186, 178, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 178, 93) }
```

Border

The CSS property to change the border of an element to Yxy 43.0702, 0.3897, 0.4401 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(186, 178, 93) }
```

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

```
.border{ border-color:rgb(186, 178, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 178, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 178, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 178, 93);  
box-shadow:4px 4px 4px 4px rgb(186, 178,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0702, 0.3897, 0.4401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 178, 93) }
```

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

```
.background{ background-color: rgb(186,  
178, 93) }
```

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