

Converting Colors

$Y_{xy}(43.2429, 0.4038, 0.4315)$

Have a look what the booklet for
Yxy(43.2429, 0.4038, 0.4315)
contains.

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Color

Yxy(43.0682, 0.4040, 0.4306)

Conversions

Conversions Part 1

Format	Color
Hex	C6AE5D
RGB	198, 174, 93
RGB Percent	78%, 68%, 36%
CMY	0.2234, 0.3177, 0.6352
CMYK	0.00, 0.12, 0.53, 0.22
HSL	46°, 48%, 57%
HSV	46°, 53%, 78%
XYZ	40.4077, 43.0682, 16.5431
YIQ	171.9420, 40.3050, -20.1030

Conversions

Conversions Part 2

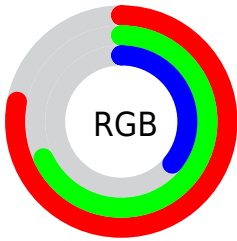
Format	Color
RYB	124, 198, 93
Decimal	13020765
CIELab	71.60, -1.63, 44.32
CIELCh	72, 44.346, 92.104
Yxy	43.0682, 0.4040, 0.4306
Android (android.graphics.Color)	4291210845 (0xFFC6AE5D)
YUV	171.9420, -38.9184, 22.8529
Hunter-Lab	65.6264, -4.9395, 30.9926

Details

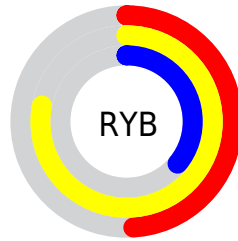
The Yxy color **43.0682, 0.4040, 0.4306** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **19.1434, 0.2190, 0.1989**, and the grayscale version is **41.4129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3430, 0.3876, 0.4135**, and **19.8443, 0.4261, 0.4558** is the 20% darker color. If you saturate the color by 10%, you get **41.0413, 0.4213, 0.4459**, and if you desaturate by 10%, it is **45.2491, 0.3858, 0.4128**.

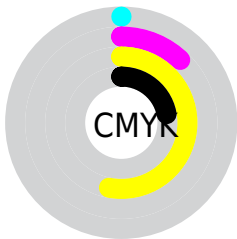
Distribution



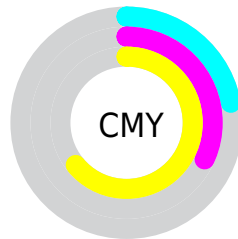
- Red (78%)
- Green (68%)
- Blue (36%)



- Red (49%)
- Yellow (78%)
- Blue (36%)



- Cyan (0%)
- Magenta (12%)
- Yellow (53%)
- Black (22%)





- Cyan (22%)
- Magenta (32%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0682, 0.4040, 0.4306 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 43.0682, 0.4040, 0.4306 by changing the saturation by 10% instead.


 43.0682, 0.4040,
0.4306


 43.0682, 0.4040,
0.4306


358.8922, 0.3597,
0.3809


 29.9386, 0.4140,
0.4420


 79.8138, 0.3885,
0.4131


 19.7920, 0.4260,
0.4558


 104.1986, 0.3825,
0.4064

 12.2439, 0.4402,
0.4724


 133.1039, 0.3773,
0.4006

 6.9100, 0.4569,
0.4924

 166.9141, 0.3729,
0.3955

 3.4059, 0.4797,
0.5203

206.0137, 0.3689,
0.3912

 1.3471, 0.4770,
0.5230

250.7869, 0.3655,

 0.1773, 0.4207,

0.3873

0.5793

301.6183, 0.3624,
0.3839

0.0000, 0.0000,
0.0000

43.0682, 0.4040,
0.4306

43.0682, 0.4040,
0.4306

41.0413, 0.4213,
0.4459

45.2491, 0.3858,
0.4128

39.1546, 0.4371,
0.4577

47.5850, 0.3676,
0.3935

37.4014, 0.4504,
0.4651

50.0842, 0.3498,
0.3736

35.7710, 0.4609,
0.4678

52.7527, 0.3329,
0.3538

34.6941, 0.4668,
0.4675

55.5960, 0.3172,
0.3346

■ 58.6193, 0.3028,
0.3164

■ 61.8275, 0.2897,
0.2994

■ 65.2254, 0.2778,
0.2836

■ 67.7264, 0.2761,
0.2851

Harmonies

Analogous

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



43.0682, 0.4362, 0.3909



43.0682, 0.4040, 0.4306



43.0682, 0.3489, 0.4454

Triad

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



43.0682, 0.4040, 0.4306



43.0682, 0.2056, 0.2962



43.0682, 0.3294, 0.2577

Complementary

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



43.0682, 0.4040, 0.4306



19.1434, 0.2190, 0.1989

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.



43.0682, 0.2676, 0.2348



43.0682, 0.4040, 0.4306



43.0682, 0.2017, 0.2514

Square

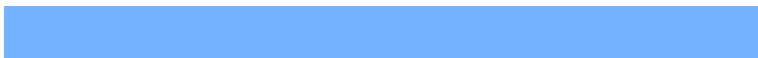
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.0682, 0.4040, 0.4306



43.0682, 0.2353, 0.3600



43.0682, 0.2229, 0.2315



43.0682, 0.3923, 0.2959

Rectangle

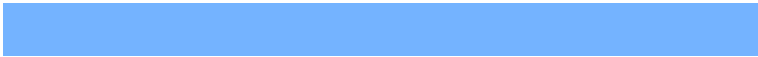
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.0682, 0.4040, 0.4306



43.0682, 0.3074, 0.4330



43.0682, 0.2229, 0.2315



43.0682, 0.3076, 0.2481

Sweetspot

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



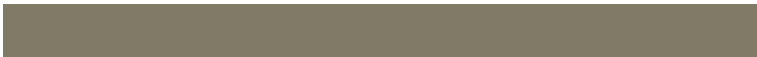
43.0702, 0.4040, 0.4306



91.8300, 0.3382, 0.3601



21.1390, 0.4286, 0.2975



19.4432, 0.3417, 0.3642



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.



43.0702, 0.4040, 0.4306



71.9852, 0.4245, 0.4485



49.7433, 0.3642, 0.4674



11.9893, 0.3271, 0.3467



22.6883, 0.4660, 0.4682



1.1780, 0.4544, 0.4774

Inverse Universe

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



19.1434, 0.2190, 0.1989



25.2279, 0.1976, 0.1644



15.9774, 0.2357, 0.1712



10.6749, 0.2983, 0.3107



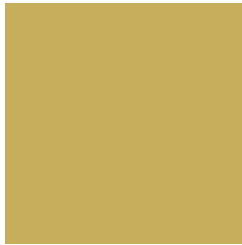
3.9972, 0.1573, 0.0861



0.3030, 0.1686, 0.1269

Previews

White Background



This preview shows how the Yxy color 43.0682, 0.4040, 0.4306 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 43.0682, 0.4040, 0.4306 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 43.0682, 0.4040, 0.4306

Background



This preview shows how black text looks on a background with the Yxy color 43.0682, 0.4040, 0.4306.



This preview shows how white text looks on a background with the Yxy color 43.0682, 0.4040, 0.4306.

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

43.0682, 0.4040, 0.4306

Protanopia

43.1963, 0.3971, 0.4338

Deuteranopia

42.9107, 0.4238, 0.4141



Tritanopia

42.8471, 0.3408, 0.3129

Trichromacy



Original Color

43.0682, 0.4040, 0.4306

Protanomaly

43.0702, 0.3996, 0.4319

Deuteranomaly

43.1129, 0.4166, 0.4208

Tritanomaly

42.7771, 0.3660, 0.3573

Monochromacy



Original Color

43.0682, 0.4040, 0.4306

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.6941, 0.3459, 0.3702

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0682, 0.4040, 0.4306 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(198, 174, 93)` looks like.

```
.text, #text, p{  
    color:rgb(198, 174, 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(198, 174, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 174, 93) }
```

Border

The CSS property to change the border of an element to Yxy 43.0682, 0.4040, 0.4306 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(198, 174, 93) }
```

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

```
.border{ border-color:rgb(198, 174, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 174, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 174, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 174, 93);  
box-shadow:4px 4px 4px 4px rgb(198, 174,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0682, 0.4040, 0.4306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 174, 93) }
```

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

```
.background{ background-color: rgb(198,  
174, 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](#).

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