

Converting Colors

$Yxy(43.3092, 0.3964, 0.4232)$

Have a look what the booklet for
Yxy(43.3092, 0.3964, 0.4232)
contains.

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Color

Yxy(43.4698, 0.3962, 0.4231)

Conversions

Conversions Part 1

Format	Color
Hex	C5AF65
RGB	197, 175, 101
RGB Percent	77%, 69%, 40%
CMY	0.2275, 0.3137, 0.6038
CMYK	0.00, 0.11, 0.49, 0.23
HSL	46°, 45%, 58%
HSV	46°, 49%, 77%
XYZ	40.7061, 43.4698, 18.5653
YIQ	173.1420, 36.8660, -18.3500

Conversions

Conversions Part 2

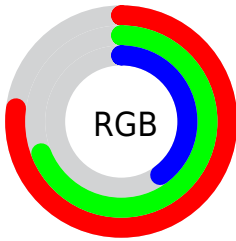
Format	Color
RYB	130, 197, 101
Decimal	12955493
CIELab	71.87, -1.88, 40.60
CIElCh	72, 40.645, 92.645
Yxy	43.4698, 0.3962, 0.4231
Android (android.graphics.Color)	4291145573 (0xFFC5AF65)
YUV	173.1420, -35.5660, 20.9235
Hunter-Lab	65.9316, -5.1748, 29.4570

Details

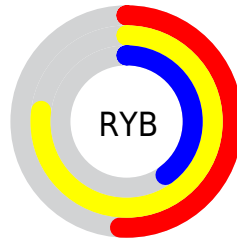
The Yxy color **43.4698, 0.3962, 0.4231** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **20.9733, 0.2272, 0.2114**, and the grayscale version is **42.0387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1535, 0.3820, 0.4067**, and **20.0677, 0.4171, 0.4484** is the 20% darker color. If you saturate the color by 10%, you get **41.4022, 0.4140, 0.4396**, and if you desaturate by 10%, it is **45.6928, 0.3779, 0.4045**.

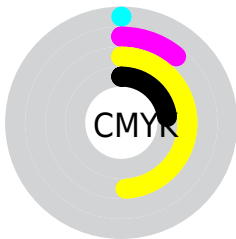
Distribution



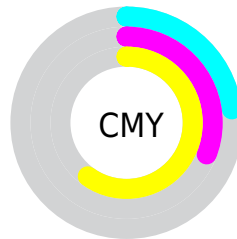
- Red (77%)
- Green (69%)
- Blue (40%)



- Red (51%)
- Yellow (77%)
- Blue (40%)



- Cyan (0%)
- Magenta (11%)
- Yellow (49%)
- Black (23%)





- Cyan (23%)
- Magenta (31%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4698, 0.3962, 0.4231 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 43.4698, 0.3962, 0.4231 by changing the saturation by 10% instead.


 43.4698, 0.3962,
0.4231


 43.4698, 0.3962,
0.4231


360.5403, 0.3554,
0.3767


 30.2539, 0.4056,
0.4340


 80.4193, 0.3819,
0.4067


 20.0314, 0.4170,
0.4473


 104.9217, 0.3763,
0.4003

 12.4179, 0.4309,
0.4637


 133.9551, 0.3716,
0.3949

 7.0289, 0.4473,
0.4836

 167.9039, 0.3674,
0.3903

 3.4802, 0.4786,
0.5214

207.1523, 0.3639,
0.3862

 1.3873, 0.4755,
0.5245

252.0850, 0.3607,

 0.2073, 0.4218,

0.3827

0.5782

303.0862, 0.3579,
0.3795

0.0000, 0.0000,
0.0000

43.4698, 0.3962,
0.4231

43.4698, 0.3962,
0.4231

41.4022, 0.4140,
0.4396

45.6928, 0.3779,
0.4045

39.4766, 0.4305,
0.4530

48.0718, 0.3598,
0.3849

37.6869, 0.4450,
0.4624

50.6147, 0.3424,
0.3650

36.0235, 0.4567,
0.4672

53.3274, 0.3260,
0.3454

34.4711, 0.4657,
0.4676

56.2152, 0.3108,
0.3266

■ 34.2767, 0.4669,
0.4675

■ 59.2830, 0.2970,
0.3089

■ 62.5357, 0.2844,
0.2925

■ 65.7416, 0.2752,
0.2809

■ 68.0186, 0.2756,
0.2860

Harmonies

Analogous

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



43.4698, 0.4257, 0.3877



43.4698, 0.3962, 0.4231



43.4698, 0.3456, 0.4348

Triad

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



43.4698, 0.3962, 0.4231



43.4698, 0.2136, 0.2986



43.4698, 0.3294, 0.2637

Complementary

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



43.4698, 0.3962, 0.4231



20.9733, 0.2272, 0.2114

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.



43.4698, 0.2724, 0.2421



43.4698, 0.3962, 0.4231



43.4698, 0.2103, 0.2575

Square

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



43.4698, 0.3962, 0.4231



43.4698, 0.2410, 0.3564



43.4698, 0.2305, 0.2390



43.4698, 0.3864, 0.2995

Rectangle

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



43.4698, 0.3962, 0.4231



43.4698, 0.3074, 0.4226



43.4698, 0.2305, 0.2390



43.4698, 0.3094, 0.2547

Sweetspot

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



43.4718, 0.3962, 0.4231



92.3100, 0.3365, 0.3581



22.6251, 0.4143, 0.2996



19.5392, 0.3401, 0.3623



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.



43.4718, 0.3962, 0.4231



74.0896, 0.4143, 0.4399



49.5764, 0.3610, 0.4565



11.9888, 0.3271, 0.3467



22.6766, 0.4661, 0.4681



1.1775, 0.4545, 0.4774

Inverse Universe

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



20.9733, 0.2272, 0.2114



29.4016, 0.2083, 0.1820



17.8286, 0.2433, 0.1852



10.6754, 0.2983, 0.3107



4.0001, 0.1573, 0.0861



0.3032, 0.1686, 0.1269

Previews

White Background



This preview shows how the Yxy color 43.4698, 0.3962, 0.4231 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 43.4698, 0.3962, 0.4231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

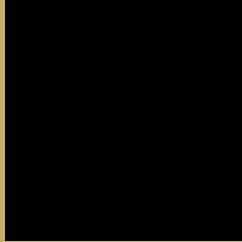
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4698, 0.3962, 0.4231

Background



This preview shows how black text looks on a background with the Yxy color 43.4698, 0.3962, 0.4231.

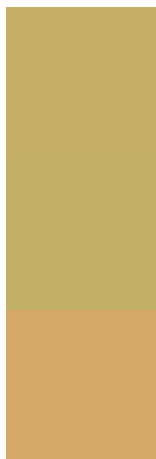


This preview shows how white text looks on a background with the Yxy color 43.4698, 0.3962, 0.4231.

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

43.4698, 0.3962, 0.4231

Protanopia

43.3474, 0.3910, 0.4246

Deuteranopia

43.2807, 0.4156, 0.4071



Tritanopia

43.5062, 0.3377, 0.3129

Trichromacy



Original Color

43.4698, 0.3962, 0.4231

Protanomaly

43.4793, 0.3919, 0.4242

Deuteranomaly

43.4950, 0.4086, 0.4136

Tritanomaly

43.1669, 0.3600, 0.3521

Monochromacy



Original Color

43.4698, 0.3962, 0.4231

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.3238, 0.3431, 0.3658

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4698, 0.3962, 0.4231 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(197, 175, 101)` looks like.

```
.text, #text, p{  
    color:rgb(197, 175, 101)  
}
```

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(197, 175, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 175, 101) }
```

Border

The CSS property to change the border of an element to Yxy 43.4698, 0.3962, 0.4231 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(197, 175, 101) }
```

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

```
.border{ border-color:rgb(197, 175, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 175, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 175, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 175, 101);  
box-shadow:4px 4px 4px 4px rgb(197, 175,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4698, 0.3962, 0.4231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 175, 101) }
```

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

```
.background{ background-color: rgb(197,  
175, 101) }
```

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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