

Converting Colors

$Yxy(42.7367, 0.3958, 0.4186)$

Have a look what the booklet for
Yxy(42.7367, 0.3958, 0.4186)
contains.

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Color

Yxy(42.7367, 0.3958, 0.4186)

Conversions

Conversions Part 1

Format	Color
Hex	C5AD67
RGB	197, 173, 103
RGB Percent	77%, 68%, 40%
CMY	0.2276, 0.3215, 0.5961
CMYK	0.00, 0.12, 0.48, 0.23
HSL	45°, 45%, 59%
HSV	45°, 48%, 77%
XYZ	40.4089, 42.7367, 18.9487
YIQ	172.1960, 36.7740, -16.6820

Conversions

Conversions Part 2

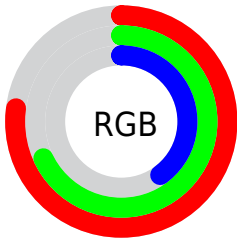
Format	Color
RYB	135, 197, 103
Decimal	12954983
CIELab	71.38, -0.65, 38.99
CIELCh	71, 38.992, 90.960
Yxy	42.7367, 0.3958, 0.4186
Android (android.graphics.Color)	4291145063 (0xFFC5AD67)
YUV	172.1960, -34.1136, 21.7531
Hunter-Lab	65.3733, -4.0678, 28.5759

Details

The Yxy color **42.7367, 0.3958, 0.4186** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **22.0727, 0.2298, 0.2182**, and the grayscale version is **41.5201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1134, 0.3815, 0.4029**, and **19.6038, 0.4165, 0.4416** is the 20% darker color. If you saturate the color by 10%, you get **40.5002, 0.4144, 0.4349**, and if you desaturate by 10%, it is **45.1426, 0.3769, 0.4004**.

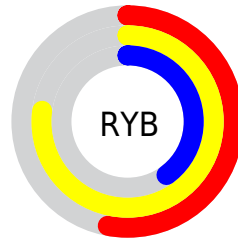
Distribution



Red (77%)

Green (68%)

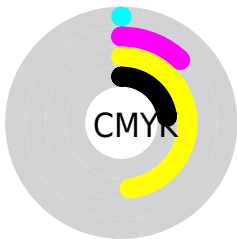
Blue (40%)



Red (53%)

Yellow (77%)

Blue (40%)

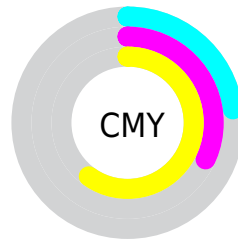


Cyan (0%)

Magenta (12%)

Yellow (48%)

Black (23%)



Cyan (23%)

Magenta (32%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7367, 0.3958, 0.4186 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 42.7367, 0.3958, 0.4186 by changing the saturation by 10% instead.

 42.7367, 0.3958,
0.4186

 42.7367, 0.3958,
0.4186


357.5278, 0.3549,
0.3744


 29.6786, 0.4054,
0.4290


 79.3134, 0.3813,
0.4029

 19.5947, 0.4171,
0.4418


 103.6007, 0.3757,
0.3969

 12.1008, 0.4315,
0.4576


 132.3999, 0.3710,
0.3917

 6.8124, 0.4489,
0.4769

 166.0954, 0.3669,
0.3873

 3.3450, 0.4843,
0.5157

205.0716, 0.3633,
0.3834

 1.3144, 0.4831,
0.5169

249.7127, 0.3602,

 0.1523, 0.4582,

0.3800

0.5418

300.4034, 0.3574,
0.3770

0.0000, 0.0000,
0.0000

42.7367, 0.3958,
0.4186

42.7367, 0.3958,
0.4186

40.5002, 0.4144,
0.4349

45.1426, 0.3769,
0.4004

38.4197, 0.4320,
0.4483

47.7187, 0.3585,
0.3812

36.4888, 0.4477,
0.4577


50.4733, 0.3409,
0.3619


34.6981, 0.4608,
0.4626

53.4121, 0.3245,
0.3430

33.0337, 0.4709,
0.4627


56.5407, 0.3094,
0.3250

 32.6651, 0.4731,
0.4625

 59.8642, 0.2957,
0.3080

 63.3877, 0.2833,
0.2922

 66.7526, 0.2753,
0.2832

 69.3183, 0.2758,
0.2888

Harmonies

Analogous

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



42.7367, 0.4226, 0.3838



42.7367, 0.3958, 0.4186



42.7367, 0.3477, 0.4311

Triad

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



42.7367, 0.3958, 0.4186



42.7367, 0.2177, 0.3027



42.7367, 0.3256, 0.2642

Complementary

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



42.7367, 0.3958, 0.4186



22.0727, 0.2298, 0.2182

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.



42.7367, 0.2711, 0.2441



42.7367, 0.3958, 0.4186



42.7367, 0.2130, 0.2616

Square

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



42.7367, 0.3958, 0.4186



42.7367, 0.2456, 0.3587



42.7367, 0.2315, 0.2423



42.7367, 0.3810, 0.2983

Rectangle

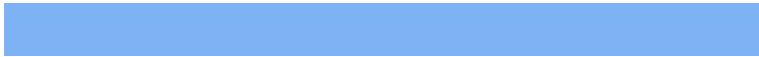
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42.7367, 0.3958, 0.4186



42.7367, 0.3109, 0.4206



42.7367, 0.2315, 0.2423



42.7367, 0.3064, 0.2557

Sweetspot

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



42.7387, 0.3958, 0.4186



92.2446, 0.3350, 0.3552



23.1233, 0.4066, 0.2960



19.5013, 0.3387, 0.3594



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.



42.7387, 0.3958, 0.4186



72.5076, 0.4147, 0.4352



50.0096, 0.3629, 0.4527



11.9418, 0.3271, 0.3461



21.6354, 0.4723, 0.4632



1.1356, 0.4590, 0.4738

Inverse Universe

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



22.0727, 0.2298, 0.2182



31.2793, 0.2111, 0.1897



18.0820, 0.2421, 0.1874



10.7193, 0.2983, 0.3113



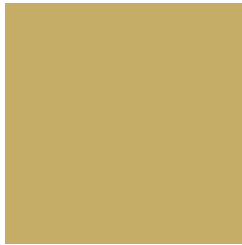
4.2773, 0.1587, 0.0912



0.3230, 0.1704, 0.1334

Previews

White Background



This preview shows how the Yxy color 42.7367, 0.3958, 0.4186 looks on a white background.

Color Contrast Check

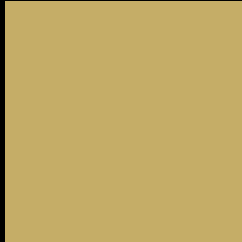
Large Text (above 18pt) WCAG AA × Fail

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 42.7367, 0.3958, 0.4186 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 42.7367, 0.3958, 0.4186

Background



This preview shows how black text looks on a background with the Yxy color 42.7367, 0.3958, 0.4186.



This preview shows how white text looks on a background with the Yxy color 42.7367, 0.3958, 0.4186.

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

42.7367, 0.3958, 0.4186

Protanopia

42.7358, 0.3880, 0.4218

Deuteranopia

42.6340, 0.4134, 0.4055



Tritanopia

42.5626, 0.3389, 0.3128

Trichromacy



Original Color

42.7367, 0.3958, 0.4186

Protanomaly

42.6090, 0.3905, 0.4199

Deuteranomaly

42.6408, 0.4073, 0.4094

Tritanomaly

42.2569, 0.3606, 0.3510

Monochromacy



Original Color

42.7367, 0.3958, 0.4186

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.4354, 0.3426, 0.3633

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7367, 0.3958, 0.4186 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, 173, 103)` looks like.

```
.text, #text, p{  
    color:rgb(197, 173, 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(197, 173, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 173, 103) }
```

Border

The CSS property to change the border of an element to Yxy 42.7367, 0.3958, 0.4186 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, 173, 103) }
```

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

```
.border{ border-color:rgb(197, 173, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 173, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 173, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 173, 103);  
box-shadow:4px 4px 4px 4px rgb(197, 173,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7367, 0.3958, 0.4186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 173, 103) }
```

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

```
.background{ background-color: rgb(197,  
173, 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](#).

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