

Converting Colors

$Yxy(42.3462, 0.3911, 0.4097)$

Have a look what the booklet for
Yxy(42.3462, 0.3911, 0.4097)
contains.

Yxy(42.4795, 0.3915, 0.4102)	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(42.4795, 0.3915, 0.4102)

Conversions

Conversions Part 1

Format	Color
Hex	C5AC6D
RGB	197, 172, 109
RGB Percent	77%, 67%, 43%
CMY	0.2274, 0.3255, 0.5725
CMYK	0.00, 0.13, 0.45, 0.23
HSL	43°, 43%, 60%
HSV	43°, 45%, 77%
XYZ	40.5430, 42.4795, 20.5356
YIQ	172.2930, 35.1230, -14.2930

Conversions

Conversions Part 2

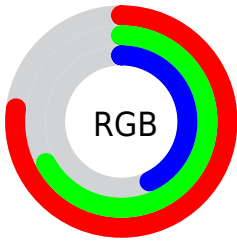
Format	Color
RYB	144, 197, 109
Decimal	12954733
CIELab	71.20, 0.52, 35.65
CIELCh	71, 35.654, 89.166
Yxy	42.4795, 0.3915, 0.4102
Android (android.graphics.Color)	4291144813 (0xFFC5AC6D)
YUV	172.2930, -31.2034, 21.6680
Hunter-Lab	65.1763, -3.0225, 26.9425

Details

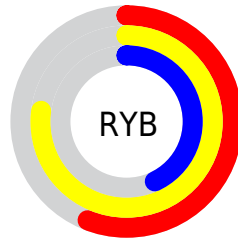
The Yxy color **42.4795, 0.3915, 0.4102** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **24.3455, 0.2362, 0.2308**, and the grayscale version is **41.5616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7714, 0.3778, 0.3961**, and **19.4219, 0.4116, 0.4317** is the 20% darker color. If you saturate the color by 10%, you get **40.0161, 0.4111, 0.4267**, and if you desaturate by 10%, it is **45.1319, 0.3721, 0.3922**.

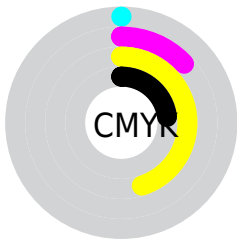
Distribution



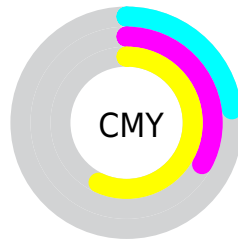
- Red (77%)
- Green (67%)
- Blue (43%)



- Red (56%)
- Yellow (77%)
- Blue (43%)



- Cyan (0%)
- Magenta (13%)
- Yellow (45%)
- Black (23%)





- Cyan (23%)
- Magenta (33%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4795, 0.3915, 0.4102 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 42.4795, 0.3915, 0.4102 by changing the saturation by 10% instead.

 42.4795, 0.3915,
0.4102


 42.4795, 0.3915,
0.4102


356.4668, 0.3524,
0.3700


 29.4769, 0.4008,
0.4198


 78.9248, 0.3775,
0.3959

 19.4419, 0.4124,
0.4316

 103.1364, 0.3722,
0.3904

 11.9900, 0.4270,
0.4464


 131.8530, 0.3676,
0.3857

 6.7369, 0.4453,
0.4649

 165.4592, 0.3637,
0.3817

 3.2981, 0.4850,
0.5053

204.3392, 0.3603,
0.3782

 1.2893, 0.4906,
0.5094

248.8776, 0.3574,

 0.1329, 0.5112,

0.3751

0.4888

299.4587, 0.3547,
0.3724

0.0000, 0.0000,
0.0000

42.4795, 0.3915,
0.4102

42.4795, 0.3915,
0.4102

40.0161, 0.4111,
0.4267

45.1319, 0.3721,
0.3922

37.7281, 0.4301,
0.4406

47.9742, 0.3534,
0.3736

35.6093, 0.4477,
0.4508

51.0148, 0.3359,
0.3550

33.6501, 0.4628,
0.4566

54.2598, 0.3198,
0.3371

31.8392, 0.4750,
0.4574

57.7148, 0.3051,
0.3200

■ 30.9229, 0.4807,
0.4566

■ 61.3852, 0.2918,
0.3041

■ 65.2762, 0.2799,
0.2893

■ 68.6207, 0.2757,
0.2873

■ 71.5543, 0.2762,
0.2936

Harmonies

Analogous

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



42.4795, 0.4142, 0.3779



42.4795, 0.3915, 0.4102



42.4795, 0.3483, 0.4224

Triad

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



42.4795, 0.3915, 0.4102



42.4795, 0.2260, 0.3082



42.4795, 0.3216, 0.2675

Complementary

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



42.4795, 0.3915, 0.4102



24.3455, 0.2362, 0.2308

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.



42.4795, 0.2719, 0.2498



42.4795, 0.3915, 0.4102



42.4795, 0.2202, 0.2690

Square

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



42.4795, 0.3915, 0.4102



42.4795, 0.2533, 0.3594



42.4795, 0.2362, 0.2495



42.4795, 0.3726, 0.2987

Rectangle

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



42.4795, 0.3915, 0.4102



42.4795, 0.3145, 0.4137



42.4795, 0.2362, 0.2495



42.4795, 0.3041, 0.2599

Sweetspot

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



42.4815, 0.3915, 0.4102



92.1791, 0.3334, 0.3524



24.5752, 0.3938, 0.2941



19.4596, 0.3372, 0.3565



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.



42.4815, 0.3915, 0.4102



71.5860, 0.4114, 0.4269



50.6785, 0.3628, 0.4439



11.8876, 0.3272, 0.3455



20.4835, 0.4797, 0.4573



1.0887, 0.4643, 0.4695

Inverse Universe

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



24.3455, 0.2362, 0.2308



34.9512, 0.2177, 0.2035



19.4563, 0.2449, 0.1965



10.7704, 0.2983, 0.3120



4.6370, 0.1605, 0.0976



0.3459, 0.1724, 0.1406

Previews

White Background



This preview shows how the Yxy color 42.4795, 0.3915, 0.4102 looks on a white background.

Color Contrast Check

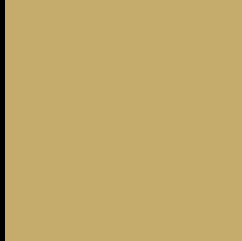
Large Text (above 18pt) WCAG AA × Fail

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 42.4795, 0.3915, 0.4102 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 42.4795, 0.3915, 0.4102

Background



This preview shows how black text looks on a background with the Yxy color 42.4795, 0.3915, 0.4102.



This preview shows how white text looks on a background with the Yxy color 42.4795, 0.3915, 0.4102.

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

42.4795, 0.3915, 0.4102

Protanopia

42.3450, 0.3827, 0.4136

Deuteranopia

42.4649, 0.4063, 0.3993



Tritanopia

42.5229, 0.3399, 0.3141

Trichromacy



Original Color

42.4795, 0.3915, 0.4102

Protanomaly

42.3504, 0.3862, 0.4114

Deuteranomaly

42.4809, 0.4002, 0.4031

Tritanomaly

42.3219, 0.3587, 0.3484

Monochromacy



Original Color

42.4795, 0.3915, 0.4102

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.4987, 0.3408, 0.3605

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4795, 0.3915, 0.4102 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, 172, 109)` looks like.

```
.text, #text, p{  
    color:rgb(197, 172, 109)  
}
```

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, 172, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 172, 109) }
```

Border

The CSS property to change the border of an element to Yxy 42.4795, 0.3915, 0.4102 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, 172, 109) }
```

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

```
.border{ border-color:rgb(197, 172, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 172, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 172, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 172, 109);  
box-shadow:4px 4px 4px 4px rgb(197, 172,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4795, 0.3915, 0.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 172, 109) }
```

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

```
.background{ background-color: rgb(197,  
172, 109) }
```

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