

Converting Colors

$Yxy(42.9914, 0.3743, 0.3886)$

Have a look what the booklet for
Yxy(42.9914, 0.3743, 0.3886)
contains.

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Color

Yxy(43.1552, 0.3745, 0.3891)

Conversions

Conversions Part 1

Format	Color
Hex	C4AD7F
RGB	196, 173, 127
RGB Percent	77%, 68%, 50%
CMY	0.2314, 0.3215, 0.5020
CMYK	0.00, 0.12, 0.35, 0.23
HSL	40°, 37%, 63%
HSV	40°, 35%, 77%
XYZ	41.5359, 43.1552, 26.2192
YIQ	174.6330, 28.4740, -9.4300

Conversions

Conversions Part 2

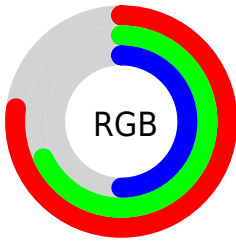
Format	Color
RYB	162, 196, 127
Decimal	12889471
CIELab	71.66, 1.58, 26.71
CIElCh	72, 26.758, 86.605
Yxy	43.1552, 0.3745, 0.3891
Android (android.graphics.Color)	4291079551 (0xFFC4AD7F)
YUV	174.6330, -23.4831, 18.7389
Hunter-Lab	65.6926, -2.1007, 22.3210

Details

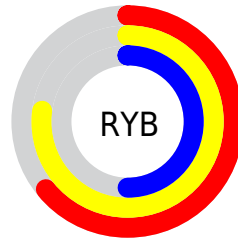
The Yxy color $43.1552, 0.3745, 0.3891$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $30.3009, 0.2544, 0.2603$, and the grayscale version is $42.7828, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.6647, 0.3631, 0.3781$, and $19.8733, 0.3920, 0.4066$ is the 20% darker color. If you saturate the color by 10%, you get $40.2525, 0.3950, 0.4060$, and if you desaturate by 10%, it is $46.2836, 0.3551, 0.3716$.

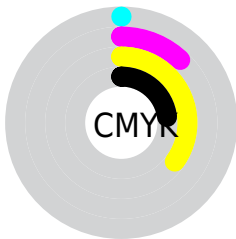
Distribution



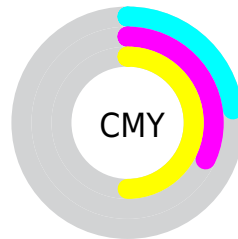
- Red (77%)
- Green (68%)
- Blue (50%)



- Red (64%)
- Yellow (77%)
- Blue (50%)



- Cyan (0%)
- Magenta (12%)
- Yellow (35%)
- Black (23%)





- Cyan (23%)
- Magenta (32%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1552, 0.3745, 0.3891 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 43.1552, 0.3745, 0.3891 by changing the saturation by 10% instead.


 43.1552, 0.3745,
0.3891


 43.1552, 0.3745,
0.3891


359.2496, 0.3435,
0.3591


 30.0069, 0.3822,
0.3964


 79.9450, 0.3633,
0.3783

 19.8438, 0.3919,
0.4057


 104.3553, 0.3590,
0.3742

 12.2816, 0.4046,
0.4176

 133.2884, 0.3554,
0.3707

 6.9357, 0.4215,
0.4334

167.1287, 0.3524,
0.3678

 3.4219, 0.4456,
0.4554

206.2606, 0.3497,
0.3652

 1.3558, 0.4972,
0.5028

251.0684, 0.3474,

 0.1838, 0.5372,

0.3629

0.4628

301.9366, 0.3453,
0.3609

0.0000, 0.0000,
0.0000

43.1552, 0.3745,
0.3891

43.1552, 0.3745,
0.3891

40.2525, 0.3950,
0.4060

46.2836, 0.3551,
0.3716

37.5619, 0.4160,
0.4214

49.6387, 0.3371,
0.3542

35.0774, 0.4367,
0.4343

53.2290, 0.3206,
0.3374

32.7899, 0.4562,
0.4435

57.0610, 0.3058,
0.3215

30.6893, 0.4733,
0.4481

61.1404, 0.2925,
0.3066

■ 28.7635, 0.4874,
0.4477

■ 65.4729, 0.2807,
0.2928

■ 27.8905, 0.4935,
0.4463

■ 69.4581, 0.2752,
0.2893

■ 72.9243, 0.2758,
0.2966

■ 76.5255, 0.2764,
0.3039

Harmonies

Analogous

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



43.1552, 0.3891, 0.3650



43.1552, 0.3745, 0.3891



43.1552, 0.3435, 0.3981

Triad

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



43.1552, 0.3745, 0.3891



43.1552, 0.2480, 0.3175



43.1552, 0.3165, 0.2802

Complementary

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



43.1552, 0.3745, 0.3891



30.3009, 0.2544, 0.2603

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.



43.1552, 0.2794, 0.2677



43.1552, 0.3745, 0.3891



43.1552, 0.2417, 0.2865

Square

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



43.1552, 0.3745, 0.3891



43.1552, 0.2707, 0.3549



43.1552, 0.2528, 0.2693



43.1552, 0.3546, 0.3039

Rectangle

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



43.1552, 0.3745, 0.3891



43.1552, 0.3182, 0.3923



43.1552, 0.2528, 0.2693



43.1552, 0.3034, 0.2746

Sweetspot

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



43.1572, 0.3745, 0.3891



92.5076, 0.3302, 0.3474



29.1144, 0.3675, 0.2985



19.6108, 0.3325, 0.3497



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.



43.1572, 0.3745, 0.3891



74.2327, 0.3897, 0.4018



51.2548, 0.3550, 0.4188



11.1748, 0.3273, 0.3443



18.0878, 0.4922, 0.4474



0.9039, 0.4721, 0.4633

Inverse Universe

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



30.3009, 0.2544, 0.2603



47.6073, 0.2410, 0.2426



24.6097, 0.2598, 0.2274



10.2838, 0.2984, 0.3132



5.1527, 0.1638, 0.1096



0.3509, 0.1768, 0.1563

Previews

White Background



This preview shows how the Yxy color 43.1552, 0.3745, 0.3891 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 43.1552, 0.3745, 0.3891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

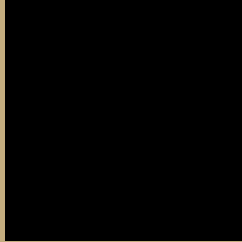
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1552, 0.3745, 0.3891

Background



This preview shows how black text looks on a background with the Yxy color 43.1552, 0.3745, 0.3891.



This preview shows how white text looks on a background with the Yxy color 43.1552, 0.3745, 0.3891.

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

43.1552, 0.3745, 0.3891

Protanopia

43.0373, 0.3660, 0.3917

Deuteranopia

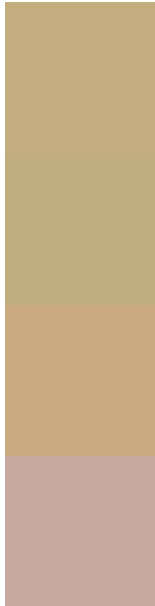
42.9737, 0.3876, 0.3793



Tritanopia

43.0837, 0.3349, 0.3128

Trichromacy



Original Color

43.1552, 0.3745, 0.3891

Protanomaly

43.0371, 0.3693, 0.3899

Deuteranomaly

43.1453, 0.3828, 0.3825

Tritanomaly

43.1934, 0.3498, 0.3406

Monochromacy



Original Color

43.1552, 0.3745, 0.3891

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8080, 0.3344, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1552, 0.3745, 0.3891 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(196, 173, 127)` looks like.

```
.text, #text, p{  
    color:rgb(196, 173, 127)  
}
```

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(196, 173, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 173, 127) }
```

Border

The CSS property to change the border of an element to Yxy 43.1552, 0.3745, 0.3891 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(196, 173, 127) }
```

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

```
.border{ border-color:rgb(196, 173, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 173, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 173, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 173, 127);  
box-shadow:4px 4px 4px 4px rgb(196, 173,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1552, 0.3745, 0.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 173, 127) }
```

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

```
.background{ background-color: rgb(196,  
173, 127) }
```

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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