

Converting Colors

$Y_{xy}(43.1702, 0.3656, 0.3811)$

Have a look what the booklet for
Yxy(43.1702, 0.3656, 0.3811)
contains.

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Color

Yxy(42.9458, 0.3654, 0.3805)

Conversions

Conversions Part 1

Format	Color
Hex	C1AD86
RGB	193, 173, 134
RGB Percent	76%, 68%, 53%
CMY	0.2431, 0.3216, 0.4744
CMYK	0.00, 0.10, 0.31, 0.24
HSL	40°, 32%, 64%
HSV	40°, 31%, 76%
XYZ	41.2415, 42.9458, 28.6794
YIQ	174.5340, 24.4390, -7.8890

Conversions

Conversions Part 2

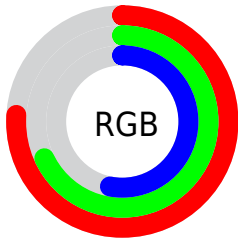
Format	Color
RYB	164, 193, 134
Decimal	12692870
CIELab	71.52, 1.30, 22.69
CIELCh	72, 22.727, 86.726
Yxy	42.9458, 0.3654, 0.3805
Android (android.graphics.Color)	4290882950 (0xFFC1AD86)
YUV	174.5340, -19.9833, 16.1947
Hunter-Lab	65.5330, -2.3485, 19.9259

Details

The Yxy color **42.9458, 0.3654, 0.3805** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.0431, 0.2627, 0.2714**, and the grayscale version is **42.7143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3987, 0.3560, 0.3713**, and **19.8038, 0.3810, 0.3953** is the 20% darker color. If you saturate the color by 10%, you get **40.0077, 0.3855, 0.3976**, and if you desaturate by 10%, it is **46.1092, 0.3465, 0.3631**.

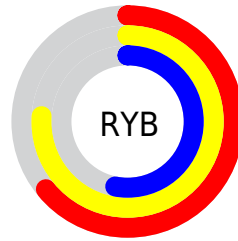
Distribution



Red (76%)

Green (68%)

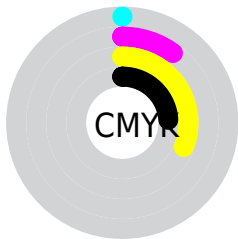
Blue (53%)



Red (64%)

Yellow (76%)

Blue (53%)

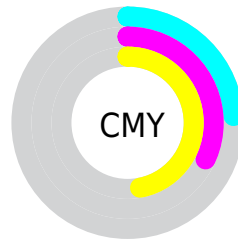


Cyan (0%)

Magenta (10%)

Yellow (31%)

Black (24%)



Cyan (24%)


Magenta (32%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9458, 0.3654, 0.3805 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 42.9458, 0.3654, 0.3805 by changing the saturation by 10% instead.


 42.9458, 0.3654,
0.3805

 42.9458, 0.3654,
0.3805


358.3888, 0.3388,
0.3547

 29.8426, 0.3720,
0.3869


 79.6291, 0.3557,
0.3711

 19.7191, 0.3805,
0.3950


 103.9779, 0.3521,
0.3676

 12.1911, 0.3917,
0.4057


 132.8441, 0.3490,
0.3646

 6.8739, 0.4070,
0.4201

166.6120, 0.3464,
0.3621

 3.3834, 0.4286,
0.4402

205.6660, 0.3441,
0.3598

 1.3350, 0.4955,
0.5045

250.3906, 0.3421,

 0.1681, 0.5325,

0.3579

0.4675

301.1701, 0.3404,
0.3562

0.0000, 0.0000,
0.0000

42.9458, 0.3654,
0.3805

42.9458, 0.3654,
0.3805

40.0077, 0.3855,
0.3976

46.1092, 0.3465,
0.3631

37.2819, 0.4065,
0.4137

49.4985, 0.3292,
0.3461

34.7627, 0.4277,
0.4278

53.1222, 0.3135,
0.3299

32.4417, 0.4481,
0.4388

56.9861, 0.2995,
0.3146

30.3097, 0.4667,
0.4455

61.0960, 0.2869,
0.3003

■ 28.3559, 0.4826,
0.4473

■ 65.4572, 0.2757,
0.2872

■ 26.6568, 0.4951,
0.4451

■ 69.1312, 0.2734,
0.2893

■ 72.6111, 0.2740,
0.2967

■ 76.2268, 0.2746,
0.3039

Harmonies

Analogous

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



42.9458, 0.3776, 0.3604



42.9458, 0.3654, 0.3805



42.9458, 0.3391, 0.3874

Triad

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



42.9458, 0.3654, 0.3805



42.9458, 0.2572, 0.3194



42.9458, 0.3162, 0.2871

Complementary

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



42.9458, 0.3654, 0.3805



32.0431, 0.2627, 0.2714

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.



42.9458, 0.2845, 0.2763



42.9458, 0.3654, 0.3805



42.9458, 0.2517, 0.2930

Square

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



42.9458, 0.3654, 0.3805



42.9458, 0.2769, 0.3509



42.9458, 0.2614, 0.2779



42.9458, 0.3485, 0.3077

Rectangle

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



42.9458, 0.3654, 0.3805



42.9458, 0.3176, 0.3823



42.9458, 0.2614, 0.2779



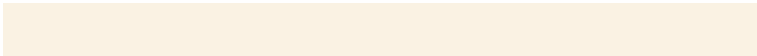
42.9458, 0.3051, 0.2822

Sweetspot

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



42.9478, 0.3654, 0.3805



89.5400, 0.3269, 0.3438



30.7515, 0.3568, 0.3014



19.0108, 0.3293, 0.3462



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.9478, 0.3654, 0.3805



73.1767, 0.3794, 0.3926



50.0746, 0.3505, 0.4064



11.1642, 0.3273, 0.3442



17.8816, 0.4939, 0.4461



0.8960, 0.4733, 0.4624

Inverse Universe

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



32.0431, 0.2627, 0.2714



50.4171, 0.2503, 0.2555



26.7367, 0.2672, 0.2425



10.2940, 0.2984, 0.3134



5.2452, 0.1642, 0.1112



0.3556, 0.1772, 0.1579

Previews

White Background



This preview shows how the Yxy color 42.9458, 0.3654, 0.3805 looks on a white background.

Color Contrast Check

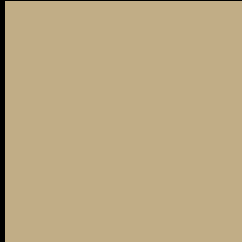
Large Text (above 18pt) WCAG AA × Fail

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 42.9458, 0.3654, 0.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

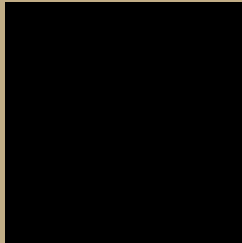
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9458, 0.3654, 0.3805

Background



This preview shows how black text looks on a background with the Yxy color 42.9458, 0.3654, 0.3805.



This preview shows how white text looks on a background with the Yxy color 42.9458, 0.3654, 0.3805.

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

42.9458, 0.3654, 0.3805

Protanopia

42.9740, 0.3580, 0.3828

Deuteranopia

42.8763, 0.3792, 0.3709



Tritanopia

42.9385, 0.3301, 0.3126

Trichromacy



Original Color

42.9458, 0.3654, 0.3805

Protanomaly

42.8402, 0.3603, 0.3812

Deuteranomaly

42.9162, 0.3735, 0.3742

Tritanomaly

42.7560, 0.3432, 0.3369

Monochromacy



Original Color

42.9458, 0.3654, 0.3805

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.7553, 0.3318, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9458, 0.3654, 0.3805 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(193, 173, 134)` looks like.

```
.text, #text, p{  
    color:rgb(193, 173, 134)  
}
```

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(193, 173, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 173, 134) }
```

Border

The CSS property to change the border of an element to Yxy 42.9458, 0.3654, 0.3805 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(193, 173, 134) }
```

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

```
.border{ border-color:rgb(193, 173, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 173, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 173, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 173, 134);  
box-shadow:4px 4px 4px 4px rgb(193, 173,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9458, 0.3654, 0.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 173, 134) }
```

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

```
.background{ background-color: rgb(193,  
173, 134) }
```

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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