

Converting Colors

$Y_{xy}(42.5859, 0.3530, 0.3540)$

Have a look what the booklet for
Yxy(42.5859, 0.3530, 0.3540)
contains.

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Color

Yxy(42.5859, 0.3530, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	C3AA97
RGB	195, 170, 151
RGB Percent	76%, 67%, 59%
CMY	0.2353, 0.3333, 0.4080
CMYK	0.00, 0.13, 0.23, 0.24
HSL	26°, 27%, 68%
HSV	26°, 23%, 76%
XYZ	42.4656, 42.5859, 35.2477
YIQ	175.3090, 20.9990, -0.6090

Conversions

Conversions Part 2

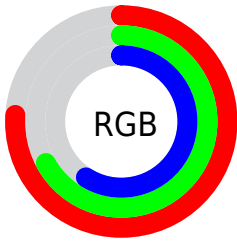
Format	Color
R _Y B	195, 184, 151
Decimal	12823191
CIE Lab	71.27, 6.06, 13.14
CIE LCh	71, 14.476, 65.237
Yxy	42.5859, 0.3530, 0.3540
Android (android.graphics.Color)	4291013271 (0xFFC3AA97)
YUV	175.3090, -11.9843, 17.2690
Hunter-Lab	65.2579, 1.9550, 13.6563

Details

The Yxy color **42.5859, 0.3530, 0.3540** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.5576, 0.2776, 0.3026**, and the grayscale version is **43.0936, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9537, 0.3456, 0.3495**, and **19.5397, 0.3654, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **38.0278, 0.3753, 0.3657**, and if you desaturate by 10%, it is **47.6023, 0.3335, 0.3426**.

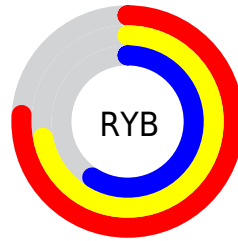
Distribution



Red (76%)

Green (67%)

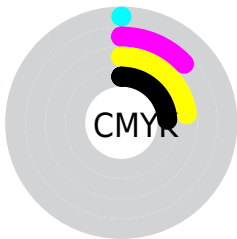
Blue (59%)



Red (76%)

Yellow (72%)

Blue (59%)

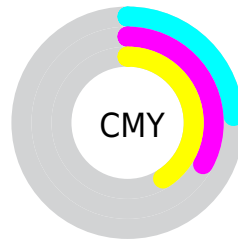


Cyan (0%)

Magenta (13%)

Yellow (23%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.5859, 0.3530, 0.3540 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 42.5859, 0.3530, 0.3540 by changing the saturation by 10% instead.


 42.5859, 0.3530,
0.3540

 42.5859, 0.3530,
0.3540


356.9060, 0.3325,
0.3416

 29.5603, 0.3583,
0.3571


 79.0856, 0.3454,
0.3495

 19.5051, 0.3651,
0.3610


 103.3285, 0.3426,
0.3478

 12.0358, 0.3742,
0.3661


132.0794, 0.3403,
0.3464

 6.7681, 0.3872,
0.3731

165.7225, 0.3382,
0.3451

 3.3175, 0.4069,
0.3831

204.6423, 0.3365,
0.3441

 1.2996, 0.4523,
0.4092

249.2233, 0.3350,

 0.1409, 0.6668,

0.3431

0.3332

299.8497, 0.3336,
0.3423

0.0000, 0.0000,
0.0000

42.5859, 0.3530,
0.3540

42.5859, 0.3530,
0.3540

38.0278, 0.3753,
0.3657

47.6023, 0.3335,
0.3426

33.9085, 0.4005,
0.3773

53.0843, 0.3167,
0.3317

30.2154, 0.4285,
0.3879

59.0463, 0.3021,
0.3215

26.9331, 0.4584,
0.3965

65.5003, 0.2896,
0.3122

24.0451, 0.4890,
0.4020

72.4579, 0.2788,
0.3036

■ 21.5332, 0.5184,
0.4029

■ 79.0658, 0.2762,
0.3090

■ 19.3774, 0.5443,
0.3986

■ 85.6562, 0.2772,
0.3210

■ 17.9882, 0.5611,
0.3927

■ 90.3430, 0.2778,
0.3289

Harmonies

Analogous

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



42.5859, 0.3523, 0.3378



42.5859, 0.3530, 0.3540



42.5859, 0.3426, 0.3642

Triad

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



42.5859, 0.3530, 0.3540



42.5859, 0.2853, 0.3375



42.5859, 0.3002, 0.2957

Complementary

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



42.5859, 0.3530, 0.3540



41.5576, 0.2776, 0.3026

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.



42.5859, 0.2831, 0.2947



42.5859, 0.3530, 0.3540



42.5859, 0.2747, 0.3181

Square

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



42.5859, 0.3530, 0.3540



42.5859, 0.3033, 0.3550



42.5859, 0.2739, 0.3026



42.5859, 0.3213, 0.3049

Rectangle

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



42.5859, 0.3530, 0.3540



42.5859, 0.3309, 0.3659



42.5859, 0.2739, 0.3026



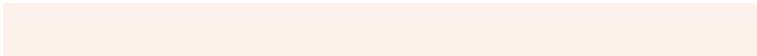
42.5859, 0.2938, 0.2944

Sweetspot

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



42.5878, 0.3530, 0.3540



90.5175, 0.3240, 0.3365



36.8881, 0.3325, 0.2958



19.6896, 0.3250, 0.3372



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.



42.5878, 0.3530, 0.3540



72.2189, 0.3634, 0.3597



51.2452, 0.3473, 0.3803



10.7779, 0.3278, 0.3390



11.8510, 0.5587, 0.3946



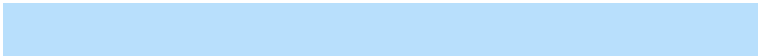
0.6488, 0.5201, 0.4252

Inverse Universe

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



41.5576, 0.2776, 0.3026



70.0523, 0.2700, 0.2962



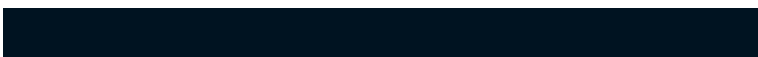
33.8409, 0.2753, 0.2719



10.6758, 0.2984, 0.3188



10.0795, 0.1841, 0.1826



0.5704, 0.1940, 0.2185

Previews

White Background



This preview shows how the Yxy color 42.5859, 0.3530, 0.3540 looks on a white background.

Color Contrast Check

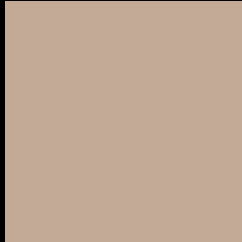
Large Text (above 18pt) WCAG AA × Fail

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 42.5859, 0.3530, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

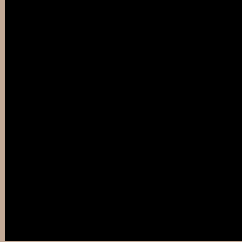
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5859, 0.3530, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 42.5859, 0.3530, 0.3540.



This preview shows how white text looks on a background with the Yxy color 42.5859, 0.3530, 0.3540.

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

42.5859, 0.3530, 0.3540

Protanopia

42.6393, 0.3388, 0.3574

Deuteranopia

42.5190, 0.3584, 0.3510



Tritanopia

42.5329, 0.3311, 0.3126

Trichromacy



Original Color

42.5859, 0.3530, 0.3540

Protanomaly

42.7189, 0.3437, 0.3572

Deuteranomaly

42.6161, 0.3561, 0.3525

Tritanomaly

42.3723, 0.3391, 0.3265

Monochromacy



Original Color

42.5859, 0.3530, 0.3540

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.5854, 0.3268, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5859, 0.3530, 0.3540 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(195, 170, 151)` looks like.

```
.text, #text, p{  
    color:rgb(195, 170, 151)  
}
```

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(195, 170, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 170, 151) }
```

Border

The CSS property to change the border of an element to Yxy 42.5859, 0.3530, 0.3540 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(195, 170, 151) }
```

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

```
.border{ border-color:rgb(195, 170, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 170, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 170, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 170, 151);  
box-shadow:4px 4px 4px 4px rgb(195, 170,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5859, 0.3530, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 170, 151) }
```

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

```
.background{ background-color: rgb(195,  
170, 151) }
```

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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