

Converting Colors

$Yxy(55.3874, 0.3530, 0.3815)$

Have a look what the booklet for
Yxy(55.3874, 0.3530, 0.3815)
contains.

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Color

Yxy(55.3874, 0.3530, 0.3815)

Conversions

Conversions Part 1

Format	Color
Hex	CEC59A
RGB	206, 197, 154
RGB Percent	81%, 77%, 60%
CMY	0.1922, 0.2274, 0.3962
CMYK	0.00, 0.04, 0.25, 0.19
HSL	50°, 35%, 71%
HSV	50°, 25%, 81%
XYZ	51.2497, 55.3874, 38.5461
YIQ	194.7890, 19.1670, -11.4650

Conversions

Conversions Part 2

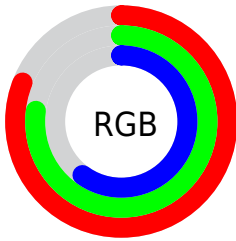
Format	Color
RYB	165, 206, 154
Decimal	13551002
CIELab	79.26, -3.66, 22.77
CIELCh	79, 23.057, 99.128
Yxy	55.3874, 0.3530, 0.3815
Android (android.graphics.Color)	4291741082 (0xFFCEC59A)
YUV	194.7890, -20.1090, 9.8320
Hunter-Lab	74.4227, -7.3194, 21.3875

Details

The Yxy color **55.3874, 0.3530, 0.3815** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.5014, 0.2707, 0.2704**, and the grayscale version is **54.5541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7471, 0.3401, 0.3731**, and **27.2035, 0.3628, 0.3943** is the 20% darker color. If you saturate the color by 10%, you get **53.1642, 0.3702, 0.4026**, and if you desaturate by 10%, it is **57.7715, 0.3364, 0.3603**.

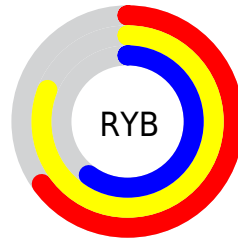
Distribution



Red (81%)

Green (77%)

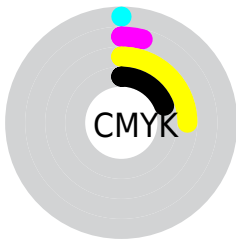
Blue (60%)



Red (65%)

Yellow (81%)

Blue (60%)

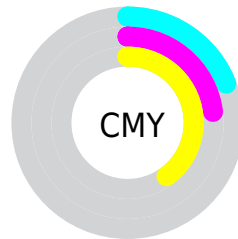


Cyan (0%)

Magenta (4%)

Yellow (25%)

Black (19%)



Cyan (19%)


Magenta (23%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3874, 0.3530, 0.3815 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 55.3874, 0.3530, 0.3815 by changing the saturation by 10% instead.


 55.3874, 0.3530,
0.3815


 55.3874, 0.3530,
0.3815


407.3788, 0.3337,
0.3559

 39.7120, 0.3576,
0.3876


 98.1083, 0.3462,
0.3724

 27.3140, 0.3632,
0.3954


 125.9226, 0.3435,
0.3689

 17.8092, 0.3705,
0.4054


158.5520, 0.3413,
0.3659

 10.8131, 0.3801,
0.4189

196.3808, 0.3394,
0.3634

 5.9413, 0.3930,
0.4377

239.7935, 0.3377,
0.3611

 2.8094, 0.4122,
0.4665

289.1745, 0.3362,

 1.0331, 0.4617,

0.3592

0.5383

344.9081, 0.3348,
0.3575

0.0000, 0.0000,
0.0000

55.3874, 0.3530,
0.3815

55.3874, 0.3530,
0.3815

53.1642, 0.3702,
0.4026

57.7715, 0.3364,
0.3603

51.0882, 0.3874,
0.4228

60.3150, 0.3206,
0.3396

49.1550, 0.4039,
0.4410

63.0256, 0.3059,
0.3197

47.3572, 0.4192,
0.4564

65.9088, 0.2924,
0.3011

45.6864, 0.4324,
0.4680

68.8421, 0.2812,
0.2857

■ 44.1329, 0.4430,
0.4751

■ 70.6721, 0.2815,
0.2897

■ 42.6847, 0.4507,
0.4777

■ 72.5419, 0.2817,
0.2936

■ 42.0246, 0.4538,
0.4779

■ 74.4515, 0.2819,
0.2975

■ 76.4013, 0.2822,
0.3014

Harmonies

Analogous

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



55.3874, 0.3705, 0.3673



55.3874, 0.3530, 0.3815



55.3874, 0.3251, 0.3812

Triad

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



55.3874, 0.3530, 0.3815



55.3874, 0.2570, 0.3090



55.3874, 0.3289, 0.2969

Complementary

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



55.3874, 0.3530, 0.3815



37.5014, 0.2707, 0.2704

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.



55.3874, 0.2981, 0.2825



55.3874, 0.3530, 0.3815



55.3874, 0.2578, 0.2881

Square

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



55.3874, 0.3530, 0.3815



55.3874, 0.2702, 0.3374



55.3874, 0.2724, 0.2791



55.3874, 0.3564, 0.3190

Rectangle

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



55.3874, 0.3530, 0.3815



55.3874, 0.3047, 0.3718



55.3874, 0.2724, 0.2791



55.3874, 0.3186, 0.2910

Sweetspot

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



55.3899, 0.3530, 0.3815



96.5270, 0.3250, 0.3454



38.8841, 0.3560, 0.3171



20.5252, 0.3273, 0.3485



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.



55.3899, 0.3530, 0.3815



87.8701, 0.3617, 0.3924



57.3591, 0.3371, 0.3944



12.7540, 0.3270, 0.3480



26.0039, 0.4532, 0.4784



1.4307, 0.4455, 0.4845

Inverse Universe

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



37.5014, 0.2707, 0.2704



54.3190, 0.2611, 0.2565



36.1518, 0.2836, 0.2604



11.1521, 0.2982, 0.3092



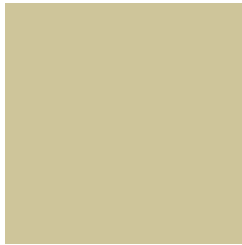
3.6050, 0.1546, 0.0764



0.2850, 0.1638, 0.1097

Previews

White Background



This preview shows how the Yxy color 55.3874, 0.3530, 0.3815 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 55.3874, 0.3530, 0.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

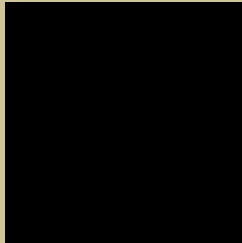
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

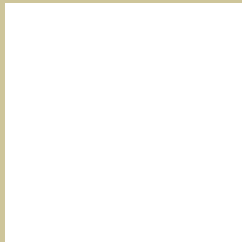
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3874, 0.3530, 0.3815

Background



This preview shows how black text looks on a background with the Yxy color 55.3874, 0.3530, 0.3815.



This preview shows how white text looks on a background with the Yxy color 55.3874, 0.3530, 0.3815.

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

55.3874, 0.3530, 0.3815

Protanopia

55.3351, 0.3566, 0.3811

Deuteranopia

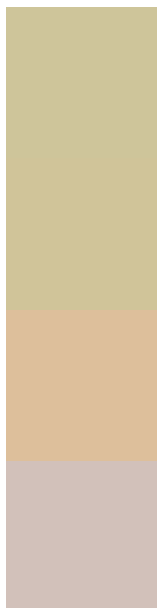
55.0248, 0.3742, 0.3658



Tritanopia

55.2317, 0.3192, 0.3116

Trichromacy



Original Color

55.3874, 0.3530, 0.3815

Protanomaly

55.1897, 0.3558, 0.3812

Deuteranomaly

55.0003, 0.3670, 0.3713

Tritanomaly

55.3867, 0.3320, 0.3374

Monochromacy



Original Color

55.3874, 0.3530, 0.3815

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.9173, 0.3272, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3874, 0.3530, 0.3815 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(206, 197, 154)` looks like.

```
.text, #text, p{  
    color:rgb(206, 197, 154)  
}
```

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(206, 197, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 197, 154) }
```

Border

The CSS property to change the border of an element to Yxy 55.3874, 0.3530, 0.3815 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(206, 197, 154) }
```

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

```
.border{ border-color:rgb(206, 197, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 197, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 197, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 197, 154);  
box-shadow:4px 4px 4px 4px rgb(206, 197,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3874, 0.3530, 0.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 197, 154) }
```

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

```
.background{ background-color: rgb(206,  
197, 154) }
```

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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