

Converting Colors

Yxy(55.0133, 0.3497, 0.3703)

Have a look what the booklet for
Yxy(55.0133, 0.3497, 0.3703)
contains.

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Color

Yxy(55.0133, 0.3497, 0.3703)

Conversions

Conversions Part 1

Format	Color
Hex	D0C3A1
RGB	208, 195, 161
RGB Percent	82%, 76%, 63%
CMY	0.1845, 0.2352, 0.3686
CMYK	0.00, 0.06, 0.23, 0.18
HSL	43°, 33%, 72%
HSV	43°, 23%, 82%
XYZ	51.9529, 55.0133, 41.5980
YIQ	195.0110, 18.6620, -7.8180

Conversions

Conversions Part 2

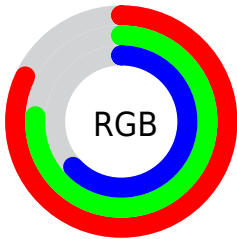
Format	Color
RYB	179, 208, 161
Decimal	13681569
CIELab	79.05, -0.88, 18.76
CIELCh	79, 18.776, 92.682
Yxy	55.0133, 0.3497, 0.3703
Android (android.graphics.Color)	4291871649 (0xFFD0C3A1)
YUV	195.0110, -16.7674, 11.3914
Hunter-Lab	74.1710, -4.7692, 18.6675

Details

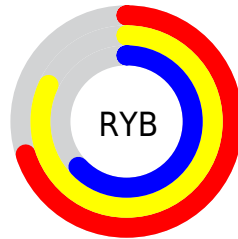
The Yxy color **55.0133, 0.3497, 0.3703** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.3812, 0.2761, 0.2840**, and the grayscale version is **54.6723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2122, 0.3363, 0.3633**, and **26.9262, 0.3597, 0.3810** is the 20% darker color. If you saturate the color by 10%, you get **51.8216, 0.3681, 0.3892**, and if you desaturate by 10%, it is **58.4306, 0.3325, 0.3516**.

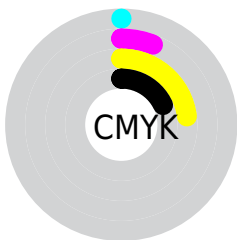
Distribution



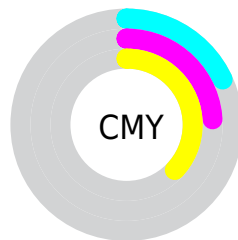
- Red (82%)
- Green (76%)
- Blue (63%)



- Red (70%)
- Yellow (82%)
- Blue (63%)



- Cyan (0%)
- Magenta (6%)
- Yellow (23%)
- Black (18%)





- Cyan (18%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0133, 0.3497, 0.3703 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 55.0133, 0.3497, 0.3703 by changing the saturation by 10% instead.

 55.0133, 0.3497,
0.3703

 55.0133, 0.3497,
0.3703


405.9623, 0.3318,
0.3502

 39.4124, 0.3540,
0.3751

 97.5604, 0.3433,
0.3631

 27.0807, 0.3594,
0.3812


 125.2754, 0.3409,
0.3604

 17.6338, 0.3663,
0.3890


157.7973, 0.3388,
0.3581

 10.6874, 0.3756,
0.3996

195.5103, 0.3370,
0.3561

 5.8571, 0.3886,
0.4145

238.7989, 0.3355,
0.3543

 2.7584, 0.4077,
0.4365

288.0475, 0.3341,

 1.0069, 0.4812,

0.3528

0.5188

343.6405, 0.3329,
0.3515

0.0000, 0.0000,
0.0000

55.0133, 0.3497,
0.3703

55.0133, 0.3497,
0.3703

51.8216, 0.3681,
0.3892

58.4306, 0.3325,
0.3516

48.8410, 0.3873,
0.4077

62.0729, 0.3166,
0.3335

46.0663, 0.4068,
0.4247

65.9488, 0.3021,
0.3164

43.4892, 0.4258,
0.4394

70.0645, 0.2891,
0.3005

41.1005, 0.4434,
0.4506

73.7658, 0.2830,
0.2956

■ 38.8898, 0.4587,
0.4574

■ 76.8940, 0.2834,
0.3019

■ 36.8447, 0.4711,
0.4593

■ 80.1270, 0.2837,
0.3080

■ 35.4197, 0.4787,
0.4581

■ 83.4659, 0.2841,
0.3142

■ 86.9116, 0.2844,
0.3202

Harmonies

Analogous

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



55.0133, 0.3612, 0.3570



55.0133, 0.3497, 0.3703



55.0133, 0.3284, 0.3725

Triad

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



55.0133, 0.3497, 0.3703



55.0133, 0.2683, 0.3176



55.0133, 0.3207, 0.2993

Complementary

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



55.0133, 0.3497, 0.3703



42.3812, 0.2761, 0.2840

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.



55.0133, 0.2958, 0.2892



55.0133, 0.3497, 0.3703



55.0133, 0.2663, 0.2987

Square

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



55.0133, 0.3497, 0.3703



55.0133, 0.2816, 0.3410



55.0133, 0.2762, 0.2887



55.0133, 0.3442, 0.3166

Rectangle

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



55.0133, 0.3497, 0.3703



55.0133, 0.3117, 0.3666



55.0133, 0.2762, 0.2887



55.0133, 0.3122, 0.2950

Sweetspot

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



55.0158, 0.3497, 0.3703



95.8036, 0.3236, 0.3415



41.9625, 0.3458, 0.3126



20.4303, 0.3245, 0.3426



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.



55.0158, 0.3497, 0.3703



84.8135, 0.3583, 0.3793



59.6446, 0.3383, 0.3865



13.2235, 0.3273, 0.3458



22.2530, 0.4776, 0.4589



1.3734, 0.4646, 0.4693

Inverse Universe

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



42.3812, 0.2761, 0.2840



61.4031, 0.2677, 0.2730



38.7198, 0.2832, 0.2677



11.9406, 0.2982, 0.3117



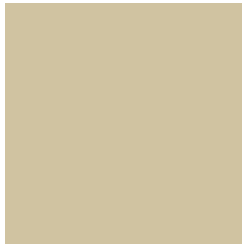
4.8235, 0.1598, 0.0953



0.4038, 0.1701, 0.1322

Previews

White Background



This preview shows how the Yxy color 55.0133, 0.3497, 0.3703 looks on a white background.

Color Contrast Check

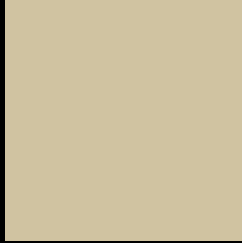
Large Text (above 18pt) WCAG AA × Fail

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 55.0133, 0.3497, 0.3703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

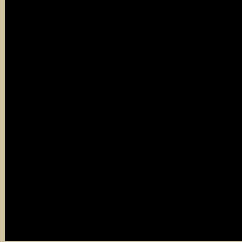
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

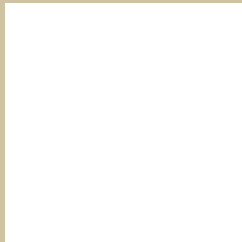
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0133, 0.3497, 0.3703

Background



This preview shows how black text looks on a background with the Yxy color 55.0133, 0.3497, 0.3703.



This preview shows how white text looks on a background with the Yxy color 55.0133, 0.3497, 0.3703.

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

55.0133, 0.3497, 0.3703

Protanopia

54.8688, 0.3489, 0.3704

Deuteranopia

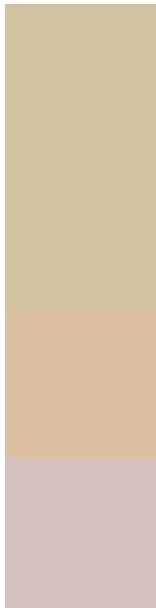
54.7438, 0.3666, 0.3592



Tritanopia

54.9010, 0.3209, 0.3116

Trichromacy



Original Color

55.0133, 0.3497, 0.3703

Protanomaly

54.8688, 0.3489, 0.3704

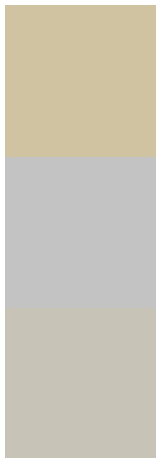
Deuteranomaly

54.9303, 0.3595, 0.3633

Tritanomaly

54.7413, 0.3316, 0.3326

Monochromacy



Original Color

55.0133, 0.3497, 0.3703

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.7285, 0.3258, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0133, 0.3497, 0.3703 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(208, 195, 161)` looks like.

```
.text, #text, p{  
    color:rgb(208, 195, 161)  
}
```

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(208, 195, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 195, 161) }
```

Border

The CSS property to change the border of an element to Yxy 55.0133, 0.3497, 0.3703 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(208, 195, 161) }
```

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

```
.border{ border-color:rgb(208, 195, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 195, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 195, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 195, 161);  
box-shadow:4px 4px 4px 4px rgb(208, 195,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0133, 0.3497, 0.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 195, 161) }
```

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

```
.background{ background-color: rgb(208,  
195, 161) }
```

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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