

Converting Colors

$Yxy(53.4584, 0.3388, 0.3682)$

Have a look what the booklet for
Yxy(53.4584, 0.3388, 0.3682)
contains.

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Color

Yxy(53.5449, 0.3388, 0.3690)

Conversions

Conversions Part 1

Format	Color
Hex	C5C3A3
RGB	197, 195, 163
RGB Percent	77%, 76%, 64%
CMY	0.2273, 0.2353, 0.3607
CMYK	0.00, 0.01, 0.17, 0.23
HSL	56°, 23%, 71%
HSV	56°, 17%, 77%
XYZ	49.1626, 53.5449, 42.4006
YIQ	191.9500, 11.4640, -9.5280

Conversions

Conversions Part 2

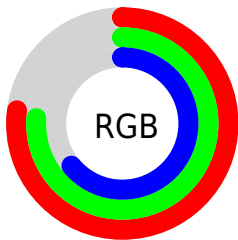
Format	Color
RYB	165, 197, 163
Decimal	12960675
CIELab	78.20, -4.65, 16.36
CIELCh	78, 17.006, 105.884
Yxy	53.5449, 0.3388, 0.3690
Android (android.graphics.Color)	4291150755 (0xFFC5C3A3)
YUV	191.9500, -14.2723, 4.4289
Hunter-Lab	73.1744, -8.1289, 16.8667

Details

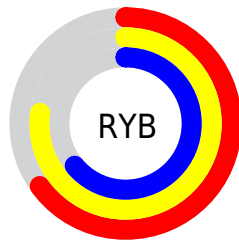
The Yxy color **53.5449, 0.3388, 0.3690** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.7596, 0.2849, 0.2856**, and the grayscale version is **52.7670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7536, 0.3343, 0.3624**, and **26.0371, 0.3459, 0.3797** is the 20% darker color. If you saturate the color by 10%, you get **52.3622, 0.3544, 0.3927**, and if you desaturate by 10%, it is **54.8467, 0.3235, 0.3456**.

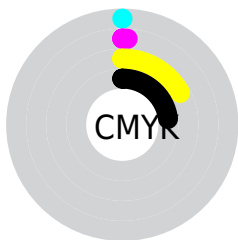
Distribution



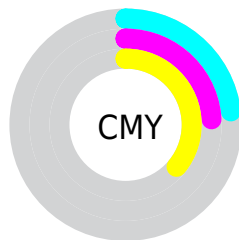
- Red (77%)
- Green (76%)
- Blue (64%)



- Red (65%)
- Yellow (77%)
- Blue (64%)



- Cyan (0%)
- Magenta (1%)
- Yellow (17%)
- Black (23%)




- Cyan (23%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5449, 0.3388, 0.3690 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 53.5449, 0.3388, 0.3690 by changing the saturation by 10% instead.


 53.5449, 0.3388,
0.3690


 53.5449, 0.3388,
0.3690


400.3722, 0.3262,
0.3493

 38.2379, 0.3418,
0.3738


 95.4057, 0.3343,
0.3619

 26.1674, 0.3456,
0.3800


 122.7283, 0.3326,
0.3592

 16.9489, 0.3505,
0.3880


154.8250, 0.3311,
0.3569

 10.1981, 0.3570,
0.3990

192.0800, 0.3299,
0.3550

 5.5305, 0.3662,
0.4150

234.8779, 0.3288,
0.3533

 2.5618, 0.3796,
0.4397

283.6029, 0.3278,

 0.9075, 0.4521,

0.3518

0.5479

338.6396, 0.3270,
0.3505

0.0000, 0.0000,
0.0000

53.5449, 0.3388,
0.3690

53.5449, 0.3388,
0.3690

52.3622, 0.3544,
0.3927

54.8467, 0.3235,
0.3456

51.2864, 0.3700,
0.4158

56.2652, 0.3088,
0.3229

50.3143, 0.3848,
0.4375

57.8073, 0.2950,
0.3015

49.4400, 0.3982,
0.4567

59.4773, 0.2822,
0.2814

48.6568, 0.4098,
0.4727

60.8507, 0.2743,
0.2694

■ 47.9573, 0.4190,
0.4847

■ 61.4092, 0.2744,
0.2707

■ 47.3327, 0.4255,
0.4923

■ 61.9722, 0.2745,
0.2721

■ 46.7709, 0.4295,
0.4958

■ 62.5394, 0.2746,
0.2734

■ 46.6226, 0.4304,
0.4965

■ 63.1111, 0.2747,
0.2748

Harmonies

Analogous

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



53.5449, 0.3538, 0.3611



53.5449, 0.3388, 0.3690



53.5449, 0.3171, 0.3656

Triad

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



53.5449, 0.3388, 0.3690



53.5449, 0.2698, 0.3103



53.5449, 0.3300, 0.3081

Complementary

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



53.5449, 0.3388, 0.3690



38.7596, 0.2849, 0.2856

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.



53.5449, 0.3070, 0.2955



53.5449, 0.3388, 0.3690



53.5449, 0.2729, 0.2961

Square

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



53.5449, 0.3388, 0.3690



53.5449, 0.2777, 0.3305



53.5449, 0.2863, 0.2911



53.5449, 0.3488, 0.3260

Rectangle

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



53.5449, 0.3388, 0.3690



53.5449, 0.3019, 0.3571



53.5449, 0.2863, 0.2911



53.5449, 0.3225, 0.3032

Sweetspot

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



53.5473, 0.3388, 0.3690



98.7140, 0.3202, 0.3405



40.8038, 0.3434, 0.3262



21.0911, 0.3212, 0.3422



0.0000, 0.0000, 0.0000



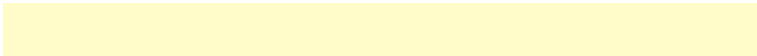
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5473, 0.3388, 0.3690



94.9659, 0.3451, 0.3786



52.5823, 0.3261, 0.3731



12.3027, 0.3267, 0.3505



30.6928, 0.4302, 0.4966



1.4875, 0.4277, 0.4986

Inverse Universe

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



38.7596, 0.2849, 0.2856



63.2164, 0.2775, 0.2741



39.6703, 0.2975, 0.2844



10.3889, 0.2983, 0.3066



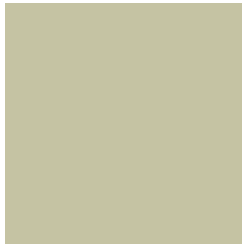
2.8661, 0.1512, 0.0643



0.1725, 0.1554, 0.0795

Previews

White Background



This preview shows how the Yxy color 53.5449, 0.3388, 0.3690 looks on a white background.

Color Contrast Check

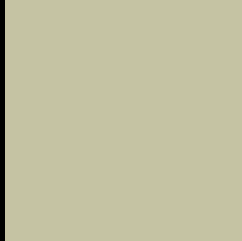
Large Text (above 18pt) WCAG AA × Fail

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 53.5449, 0.3388, 0.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

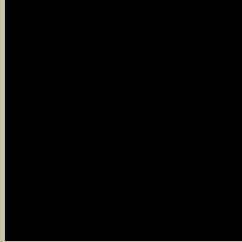
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

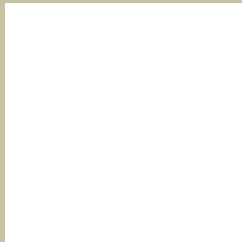
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5449, 0.3388, 0.3690

Background



This preview shows how black text looks on a background with the Yxy color 53.5449, 0.3388, 0.3690.



This preview shows how white text looks on a background with the Yxy color 53.5449, 0.3388, 0.3690.

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

53.5449, 0.3388, 0.3690

Protanopia

53.5859, 0.3460, 0.3672

Deuteranopia

53.3640, 0.3611, 0.3537



Tritanopia

53.4513, 0.3127, 0.3111

Trichromacy



Original Color

53.5449, 0.3388, 0.3690

Protanomaly

53.6097, 0.3432, 0.3687

Deuteranomaly

53.2217, 0.3532, 0.3591

Tritanomaly

53.3532, 0.3225, 0.3315

Monochromacy



Original Color

53.5449, 0.3388, 0.3690

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9455, 0.3226, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5449, 0.3388, 0.3690 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(197, 195, 163)` looks like.

```
.text, #text, p{  
    color:rgb(197, 195, 163)  
}
```

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(197, 195, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 195, 163) }
```

Border

The CSS property to change the border of an element to Yxy 53.5449, 0.3388, 0.3690 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(197, 195, 163) }
```

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

```
.border{ border-color:rgb(197, 195, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 195, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 195, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 195, 163);  
box-shadow:4px 4px 4px 4px rgb(197, 195,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5449, 0.3388, 0.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 195, 163) }
```

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

```
.background{ background-color: rgb(197,  
195, 163) }
```

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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