

Converting Colors

Yxy(55.7185, 0.3367, 0.3610)

Have a look what the booklet for
Yxy(55.7185, 0.3367, 0.3610)
contains.

Yxy(55.5693, 0.3372, 0.3608)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.5693, 0.3372, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	CBC5AB
RGB	203, 197, 171
RGB Percent	80%, 77%, 67%
CMY	0.2041, 0.2274, 0.3294
CMYK	0.00, 0.03, 0.16, 0.20
HSL	49°, 23%, 73%
HSV	49°, 16%, 80%
XYZ	51.9345, 55.5693, 46.5131
YIQ	195.8300, 11.9220, -6.8140

Conversions

Conversions Part 2

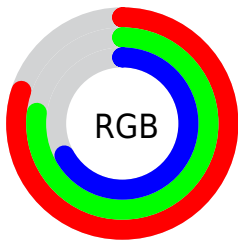
Format	Color
RYB	178, 203, 171
Decimal	13354411
CIELab	79.37, -2.30, 13.80
CIELCh	79, 13.992, 99.471
Yxy	55.5693, 0.3372, 0.3608
Android (android.graphics.Color)	4291544491 (0xFFCBC5AB)
YUV	195.8300, -12.2412, 6.2881
Hunter-Lab	74.5448, -6.0946, 15.1867

Details

The Yxy color **55.5693, 0.3372, 0.3608** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.3798, 0.2877, 0.2951**, and the grayscale version is **55.1613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6346, 0.3299, 0.3562**, and **27.3664, 0.3438, 0.3683** is the 20% darker color. If you saturate the color by 10%, you get **53.1678, 0.3540, 0.3817**, and if you desaturate by 10%, it is **58.1373, 0.3213, 0.3404**.

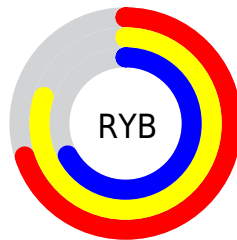
Distribution



Red (80%)

Green (77%)

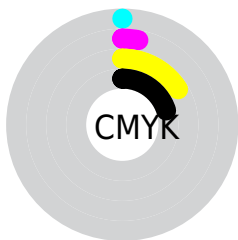
Blue (67%)



Red (70%)

Yellow (80%)

Blue (67%)

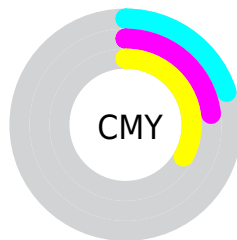


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (20%)



Cyan (20%)


Magenta (23%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.5693, 0.3372, 0.3608 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 55.5693, 0.3372, 0.3608 by changing the saturation by 10% instead.


 55.5693, 0.3372,
0.3608

 55.5693, 0.3372,
0.3608

408.0663, 0.3254,
0.3453

 39.8577, 0.3400,
0.3646

 98.3746, 0.3330,
0.3553

 27.4276, 0.3436,
0.3693


126.2370, 0.3314,
0.3531

 17.8946, 0.3482,
0.3755


158.9186, 0.3300,
0.3514

 10.8744, 0.3544,
0.3839

196.8036, 0.3288,
0.3498

 5.9824, 0.3632,
0.3960

240.2765, 0.3278,
0.3485

 2.8344, 0.3764,
0.4145

289.7217, 0.3269,

 1.0459, 0.4352,

0.3473

0.4881

345.5235, 0.3261,
0.3462

0.0000, 0.0000,
0.0000

55.5693, 0.3372,
0.3608

55.5693, 0.3372,
0.3608

53.1678, 0.3540,
0.3817

58.1373, 0.3213,
0.3404

50.9196, 0.3713,
0.4025

60.8697, 0.3066,
0.3208

48.8211, 0.3887,
0.4223

63.7741, 0.2930,
0.3024

46.8656, 0.4056,
0.4403

66.8552, 0.2807,
0.2853

45.0459, 0.4212,
0.4554

68.9410, 0.2793,
0.2867

43.3536, 0.4347,
0.4666

70.8902, 0.2796,
0.2908

41.7794, 0.4457,
0.4733

72.8839, 0.2799,
0.2950

40.3115, 0.4537,
0.4755

74.9223, 0.2802,
0.2991

39.7098, 0.4566,
0.4756

77.0058, 0.2804,
0.3032

Harmonies

Analogous

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



55.5693, 0.3476, 0.3529



55.5693, 0.3372, 0.3608



55.5693, 0.3204, 0.3600

Triad

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



55.5693, 0.3372, 0.3608



55.5693, 0.2783, 0.3172



55.5693, 0.3230, 0.3093

Complementary

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



55.5693, 0.3372, 0.3608



44.3798, 0.2877, 0.2951

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.



55.5693, 0.3042, 0.3002



55.5693, 0.3372, 0.3608



55.5693, 0.2789, 0.3042

Square

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



55.5693, 0.3372, 0.3608



55.5693, 0.2866, 0.3341



55.5693, 0.2882, 0.2982



55.5693, 0.3393, 0.3233

Rectangle

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



55.5693, 0.3372, 0.3608



55.5693, 0.3079, 0.3542



55.5693, 0.2882, 0.2982



55.5693, 0.3167, 0.3056

Sweetspot

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



55.5718, 0.3372, 0.3608



97.7062, 0.3203, 0.3390



45.0027, 0.3364, 0.3211



20.8454, 0.3214, 0.3404



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.



55.5718, 0.3372, 0.3608



91.6626, 0.3430, 0.3681



57.0129, 0.3284, 0.3687



12.7291, 0.3270, 0.3477



25.4096, 0.4560, 0.4761



1.4049, 0.4476, 0.4828

Inverse Universe

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



44.3798, 0.2877, 0.2951



69.2953, 0.2816, 0.2866



43.2061, 0.2953, 0.2881



11.1751, 0.2982, 0.3095



3.7107, 0.1551, 0.0784



0.2956, 0.1647, 0.1130

Previews

White Background



This preview shows how the Yxy color 55.5693, 0.3372, 0.3608 looks on a white background.

Color Contrast Check

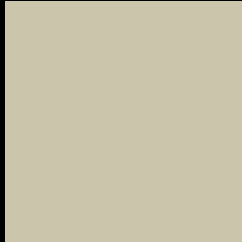
Large Text (above 18pt) WCAG AA × Fail

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 55.5693, 0.3372, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

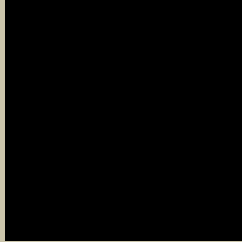
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

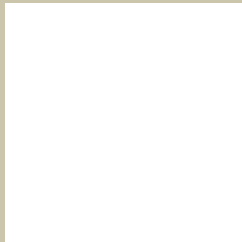
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5693, 0.3372, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 55.5693, 0.3372, 0.3608.



This preview shows how white text looks on a background with the Yxy color 55.5693, 0.3372, 0.3608.

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

55.5693, 0.3372, 0.3608

Protanopia

55.5039, 0.3407, 0.3606

Deuteranopia

55.2596, 0.3553, 0.3476



Tritanopia

55.6142, 0.3143, 0.3115

Trichromacy



Original Color

55.5693, 0.3372, 0.3608

Protanomaly

55.3613, 0.3399, 0.3607

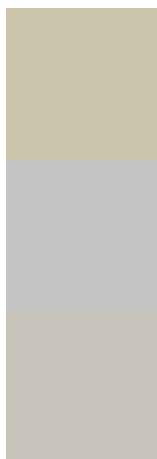
Deuteranomaly

55.2768, 0.3485, 0.3527

Tritanomaly

55.6004, 0.3224, 0.3290

Monochromacy



Original Color

55.5693, 0.3372, 0.3608

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2098, 0.3218, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5693, 0.3372, 0.3608 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(203, 197, 171)` looks like.

```
.text, #text, p{  
    color:rgb(203, 197, 171)  
}
```

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(203, 197, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 197, 171) }
```

Border

The CSS property to change the border of an element to Yxy 55.5693, 0.3372, 0.3608 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(203, 197, 171) }
```

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

```
.border{ border-color:rgb(203, 197, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 197, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 197, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 197, 171);  
box-shadow:4px 4px 4px 4px rgb(203, 197,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5693, 0.3372, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 197, 171) }
```

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

```
.background{ background-color: rgb(203,  
197, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor