

Converting Colors

Yxy(55.5313, 0.3380, 0.3620)

Have a look what the booklet for
Yxy(55.5313, 0.3380, 0.3620)
contains.

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Color

Yxy(55.5313, 0.3380, 0.3620)

Conversions

Conversions Part 1

Format	Color
Hex	CBC5AA
RGB	203, 197, 170
RGB Percent	80%, 77%, 67%
CMY	0.2039, 0.2274, 0.3333
CMYK	0.00, 0.03, 0.16, 0.20
HSL	49°, 24%, 73%
HSV	49°, 16%, 80%
XYZ	51.8497, 55.5313, 46.0204
YIQ	195.7160, 12.2430, -7.1250

Conversions

Conversions Part 2

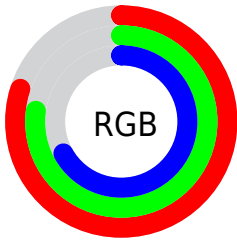
Format	Color
RYB	177, 203, 170
Decimal	13354410
CIELab	79.35, -2.43, 14.30
CIELCh	79, 14.503, 99.651
Yxy	55.5313, 0.3380, 0.3620
Android (android.graphics.Color)	4291544490 (0xFFCBC5AA)
YUV	195.7160, -12.6780, 6.3881
Hunter-Lab	74.5193, -6.2106, 15.5482

Details

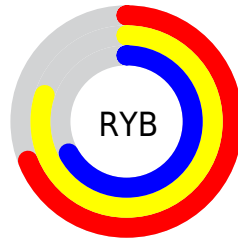
The Yxy color **55.5313, 0.3380, 0.3620** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.9080, 0.2868, 0.2937**, and the grayscale version is **55.0959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5799, 0.3305, 0.3572**, and **27.3425, 0.3449, 0.3700** is the 20% darker color. If you saturate the color by 10%, you get **53.1709, 0.3548, 0.3830**, and if you desaturate by 10%, it is **58.0561, 0.3221, 0.3414**.

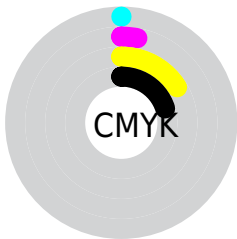
Distribution



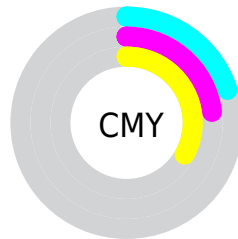
- Red (80%)
- Green (77%)
- Blue (67%)



- Red (69%)
- 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 55.5313, 0.3380, 0.3620 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 55.5313, 0.3380, 0.3620 by changing the saturation by 10% instead.


 55.5313, 0.3380,
0.3620

 55.5313, 0.3380,
0.3620

407.9228, 0.3258,
0.3459

 39.8273, 0.3409,
0.3659


 98.3190, 0.3337,
0.3562

 27.4039, 0.3446,
0.3708


126.1714, 0.3320,
0.3541

 17.8768, 0.3494,
0.3773


158.8420, 0.3306,
0.3522

 10.8616, 0.3558,
0.3860

196.7153, 0.3294,
0.3506

 5.9738, 0.3648,
0.3985

240.1756, 0.3283,
0.3492

 2.8292, 0.3783,
0.4177

289.6074, 0.3274,

 1.0432, 0.4420,

0.3480

0.4975

345.3950, 0.3265,
0.3469

0.0000, 0.0000,
0.0000

55.5313, 0.3380,
0.3620

55.5313, 0.3380,
0.3620

53.1709, 0.3548,
0.3830

58.0561, 0.3221,
0.3414

50.9619, 0.3721,
0.4039

60.7434, 0.3073,
0.3217

48.9005, 0.3894,
0.4237

63.6006, 0.2937,
0.3032

46.9801, 0.4061,
0.4416

66.6326, 0.2813,
0.2859

45.1935, 0.4215,
0.4565

68.7347, 0.2793,
0.2862

■ 43.5322, 0.4348,
0.4676

■ 70.6372, 0.2796,
0.2903

■ 41.9868, 0.4454,
0.4742

■ 72.5822, 0.2799,
0.2944

■ 40.5452, 0.4532,
0.4762

■ 74.5701, 0.2801,
0.2984

■ 40.0227, 0.4557,
0.4763

■ 76.6011, 0.2804,
0.3024

Harmonies

Analogous

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



55.5313, 0.3488, 0.3538



55.5313, 0.3380, 0.3620



55.5313, 0.3205, 0.3611

Triad

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



55.5313, 0.3380, 0.3620



55.5313, 0.2771, 0.3166



55.5313, 0.3234, 0.3086

Complementary

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



55.5313, 0.3380, 0.3620



43.9080, 0.2868, 0.2937

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.



55.5313, 0.3040, 0.2992



55.5313, 0.3380, 0.3620



55.5313, 0.2777, 0.3032

Square

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



55.5313, 0.3380, 0.3620



55.5313, 0.2856, 0.3342



55.5313, 0.2874, 0.2971



55.5313, 0.3403, 0.3232

Rectangle

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



55.5313, 0.3380, 0.3620



55.5313, 0.3076, 0.3551



55.5313, 0.2874, 0.2971



55.5313, 0.3170, 0.3048

Sweetspot

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



55.5338, 0.3380, 0.3620



97.7382, 0.3203, 0.3391



44.5857, 0.3378, 0.3215



20.8532, 0.3214, 0.3405



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.



55.5338, 0.3380, 0.3620



91.7802, 0.3430, 0.3683



56.8894, 0.3284, 0.3701



12.7369, 0.3270, 0.3478



25.5946, 0.4551, 0.4768



1.4130, 0.4469, 0.4833

Inverse Universe

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



43.9080, 0.2868, 0.2937



69.1967, 0.2816, 0.2864



42.8228, 0.2952, 0.2867



11.1679, 0.2982, 0.3094



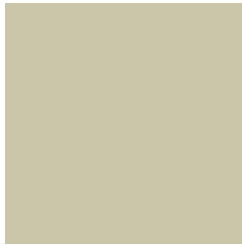
3.6768, 0.1549, 0.0778



0.2923, 0.1644, 0.1120

Previews

White Background



This preview shows how the Yxy color 55.5313, 0.3380, 0.3620 looks on a white background.

Color Contrast Check

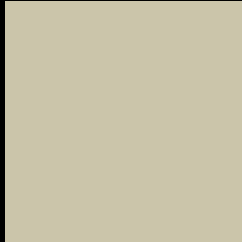
Large Text (above 18pt) WCAG AA × Fail

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 55.5313, 0.3380, 0.3620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

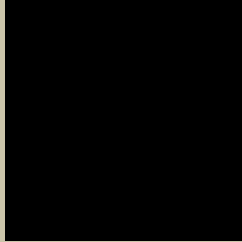
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

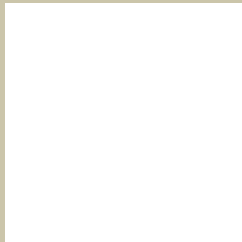
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5313, 0.3380, 0.3620

Background



This preview shows how black text looks on a background with the Yxy color 55.5313, 0.3380, 0.3620.



This preview shows how white text looks on a background with the Yxy color 55.5313, 0.3380, 0.3620.

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

55.5313, 0.3380, 0.3620

Protanopia

55.4662, 0.3415, 0.3618

Deuteranopia

55.2210, 0.3561, 0.3488



Tritanopia

55.6142, 0.3143, 0.3115

Trichromacy



Original Color

55.5313, 0.3380, 0.3620

Protanomaly

55.3236, 0.3407, 0.3619

Deuteranomaly

55.2385, 0.3493, 0.3539

Tritanomaly

55.6004, 0.3224, 0.3290

Monochromacy



Original Color

55.5313, 0.3380, 0.3620

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 55.5313, 0.3380, 0.3620 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(203, 197, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 197, 170) }
```

Border

The CSS property to change the border of an element to Yxy 55.5313, 0.3380, 0.3620 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, 170) }
```

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

```
.border{ border-color:rgb(203, 197, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 197, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 197, 170);  
box-shadow:4px 4px 4px 4px rgb(203, 197,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5313, 0.3380, 0.3620 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, 170) }
```

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

```
.background{ background-color: rgb(203,  
197, 170) }
```

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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