

Converting Colors

$Yxy(55.9890, 0.3339, 0.3640)$

Have a look what the booklet for
Yxy(55.9890, 0.3339, 0.3640)
contains.

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Color

Yxy(55.9292, 0.3336, 0.3635)

Conversions

Conversions Part 1

Format	Color
Hex	C7C7AB
RGB	199, 199, 171
RGB Percent	78%, 78%, 67%
CMY	0.2195, 0.2196, 0.3295
CMYK	0.00, 0.00, 0.14, 0.22
HSL	60°, 20%, 73%
HSV	60°, 14%, 78%
XYZ	51.3287, 55.9292, 46.6051
YIQ	195.8080, 8.9880, -8.7080

Conversions

Conversions Part 2

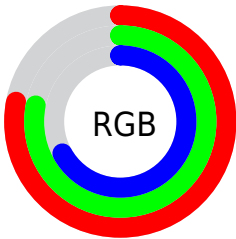
Format	Color
RYB	171, 199, 171
Decimal	13092779
CIELab	79.57, -4.78, 14.06
CIELCh	80, 14.848, 108.794
Yxy	55.9292, 0.3336, 0.3635
Android (android.graphics.Color)	4291282859 (0xFFC7C7AB)
YUV	195.8080, -12.2303, 2.7994
Hunter-Lab	74.7858, -8.3631, 15.4017

Details

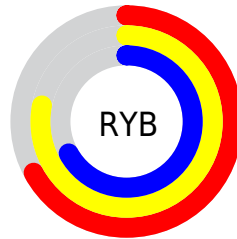
The Yxy color **55.9292, 0.3336, 0.3635** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.9022, 0.2903, 0.2920**, and the grayscale version is **55.1531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **27.6024, 0.3388, 0.3720** is the 20% darker color. If you saturate the color by 10%, you get **55.2238, 0.3487, 0.3885**, and if you desaturate by 10%, it is **56.7538, 0.3187, 0.3388**.

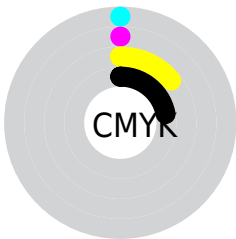
Distribution



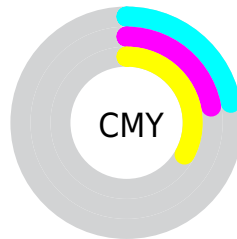
- Red (78%)
- Green (78%)
- Blue (67%)



- Red (67%)
- Yellow (78%)
- Blue (67%)



- Cyan (0%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)





- Cyan (22%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.9292, 0.3336, 0.3635 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 55.9292, 0.3336, 0.3635 by changing the saturation by 10% instead.

 55.9292, 0.3336,
0.3635

 55.9292, 0.3336,
0.3635


409.4246, 0.3236,
0.3466

 40.1462, 0.3360,
0.3676


 98.9011, 0.3300,
0.3574

 27.6525, 0.3390,
0.3728

126.8587, 0.3287,
0.3551

 18.0639, 0.3428,
0.3796


159.6432, 0.3275,
0.3532

 10.9959, 0.3480,
0.3889


197.6392, 0.3265,
0.3515

 6.0641, 0.3551,
0.4023

241.2309, 0.3256,
0.3500

 2.8841, 0.3658,
0.4232

290.8028, 0.3249,

 1.0715, 0.4177,

0.3488

0.5020

346.7392, 0.3242,
0.3476

0.0000, 0.0000,
0.0000

55.9292, 0.3336,
0.3635

55.9292, 0.3336,
0.3635

55.2238, 0.3487,
0.3885

56.7538, 0.3187,
0.3388

54.6252, 0.3636,
0.4130

57.6949, 0.3043,
0.3151

54.1302, 0.3776,
0.4362

58.7596, 0.2907,
0.2927

53.7330, 0.3903,
0.4571

59.9521, 0.2781,
0.2718

53.4270, 0.4010,
0.4748

60.2387, 0.2755,
0.2674

■ 53.2048, 0.4093,
0.4886

■ 60.2439, 0.2755,
0.2674

■ 53.0579, 0.4151,
0.4981

■ 60.2492, 0.2755,
0.2675

■ 52.9762, 0.4183,
0.5034

■ 60.2545, 0.2755,
0.2675

■ 52.9471, 0.4194,
0.5052

■ 60.2597, 0.2755,
0.2675

Harmonies

Analogous

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



55.9292, 0.3472, 0.3577



55.9292, 0.3336, 0.3635



55.9292, 0.3147, 0.3595

Triad

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



55.9292, 0.3336, 0.3635



55.9292, 0.2755, 0.3115



55.9292, 0.3295, 0.3123

Complementary

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



55.9292, 0.3336, 0.3635



41.9022, 0.2903, 0.2920

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.



55.9292, 0.3098, 0.3008



55.9292, 0.3336, 0.3635



55.9292, 0.2791, 0.2999

Square

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



55.9292, 0.3336, 0.3635



55.9292, 0.2815, 0.3286



55.9292, 0.2915, 0.2962



55.9292, 0.3449, 0.3281

Rectangle

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



55.9292, 0.3336, 0.3635



55.9292, 0.3017, 0.3517



55.9292, 0.2915, 0.2962



55.9292, 0.3231, 0.3078

Sweetspot

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



55.9317, 0.3336, 0.3635



99.3566, 0.3186, 0.3388



44.2183, 0.3381, 0.3285



21.2413, 0.3198, 0.3406



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.



55.9317, 0.3336, 0.3635



97.4999, 0.3384, 0.3714



54.1666, 0.3225, 0.3647



12.4159, 0.3265, 0.3518



34.0398, 0.4194, 0.5052



1.6121, 0.4194, 0.5052

Inverse Universe

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



41.9022, 0.2903, 0.2920



68.0897, 0.2847, 0.2828



43.4967, 0.3018, 0.2932



10.2885, 0.2983, 0.3051



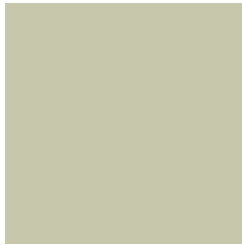
2.6536, 0.1500, 0.0600



0.1260, 0.1501, 0.0602

Previews

White Background



This preview shows how the Yxy color 55.9292, 0.3336, 0.3635 looks on a white background.

Color Contrast Check

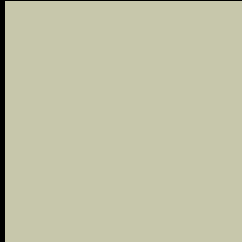
Large Text (above 18pt) WCAG AA × Fail

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 55.9292, 0.3336, 0.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

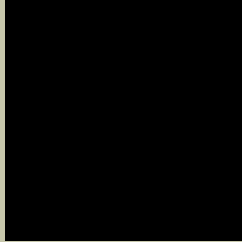
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

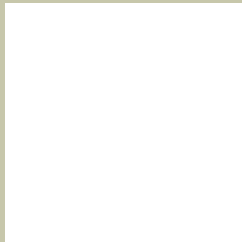
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9292, 0.3336, 0.3635

Background



This preview shows how black text looks on a background with the Yxy color 55.9292, 0.3336, 0.3635.



This preview shows how white text looks on a background with the Yxy color 55.9292, 0.3336, 0.3635.

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

55.9292, 0.3336, 0.3635

Protanopia

56.1002, 0.3414, 0.3617

Deuteranopia

55.8516, 0.3559, 0.3487



Tritanopia

56.0244, 0.3096, 0.3114

Trichromacy



Original Color

55.9292, 0.3336, 0.3635

Protanomaly

56.1278, 0.3387, 0.3631

Deuteranomaly

55.7174, 0.3483, 0.3539

Tritanomaly

55.9765, 0.3182, 0.3302

Monochromacy



Original Color

55.9292, 0.3336, 0.3635

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.3907, 0.3201, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9292, 0.3336, 0.3635 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(199, 199, 171)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 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(199, 199, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 171) }
```

Border

The CSS property to change the border of an element to Yxy 55.9292, 0.3336, 0.3635 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(199, 199, 171) }
```

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

```
.border{ border-color:rgb(199, 199, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 171);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9292, 0.3336, 0.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 171) }
```

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

```
.background{ background-color: rgb(199,  
199, 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](#).

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