

Converting Colors

$Yxy(55.5683, 0.3283, 0.3548)$

Have a look what the booklet for
Yxy(55.5683, 0.3283, 0.3548)
contains.

Yxy(55.5683, 0.3283, 0.3548)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.5683, 0.3283, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	C6C6B1
RGB	198, 198, 177
RGB Percent	78%, 78%, 69%
CMY	0.2236, 0.2235, 0.3057
CMYK	0.00, 0.00, 0.11, 0.22
HSL	60°, 16%, 74%
HSV	60°, 11%, 78%
XYZ	51.4179, 55.5683, 49.6325
YIQ	195.6060, 6.7410, -6.5310

Conversions

Conversions Part 2

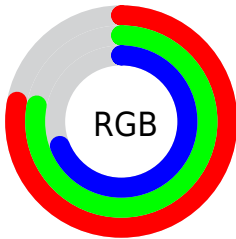
Format	Color
RYB	177, 198, 177
Decimal	13026993
CIELab	79.37, -3.66, 10.51
CIELCh	79, 11.125, 109.206
Yxy	55.5683, 0.3283, 0.3548
Android (android.graphics.Color)	4291217073 (0xFFC6C6B1)
YUV	195.6060, -9.1728, 2.0995
Hunter-Lab	74.5441, -7.3293, 12.7049

Details

The Yxy color **55.5683, 0.3283, 0.3548** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.8943, 0.2963, 0.3018**, and the grayscale version is **55.0078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **27.3310, 0.3328, 0.3622** is the 20% darker color. If you saturate the color by 10%, you get **54.8338, 0.3434, 0.3798**, and if you desaturate by 10%, it is **56.4222, 0.3136, 0.3304**.

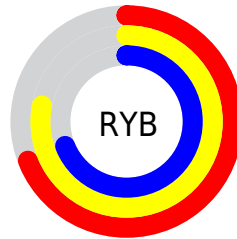
Distribution



Red (78%)

Green (78%)

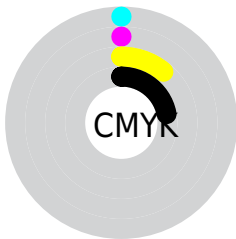
Blue (69%)



Red (69%)

Yellow (78%)

Blue (69%)

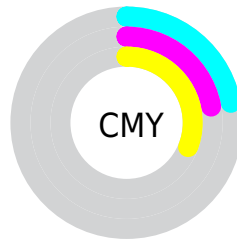


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (22%)



Cyan (22%)


Magenta (22%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5683, 0.3283, 0.3548 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 55.5683, 0.3283, 0.3548 by changing the saturation by 10% instead.


 55.5683, 0.3283,
0.3548

 55.5683, 0.3283,
0.3548


408.0626, 0.3208,
0.3422

 39.8569, 0.3301,
0.3579

 98.3731, 0.3256,
0.3503

 27.4270, 0.3324,
0.3618


126.2353, 0.3246,
0.3486

 17.8942, 0.3353,
0.3669


158.9166, 0.3237,
0.3471

 10.8740, 0.3392,
0.3738

196.8013, 0.3230,
0.3458

 5.9822, 0.3448,
0.3840

240.2738, 0.3223,
0.3447

 2.8343, 0.3533,
0.3998

289.7186, 0.3218,

 1.0458, 0.3839,

0.3438

0.4473

345.5201, 0.3212,
0.3429

0.0000, 0.0000,
0.0000

55.5683, 0.3283,
0.3548

55.5683, 0.3283,
0.3548

54.8338, 0.3434,
0.3798

56.4222, 0.3136,
0.3304

54.2065, 0.3583,
0.4046

57.3930, 0.2995,
0.3071

53.6837, 0.3727,
0.4284

58.4872, 0.2862,
0.2852

53.2595, 0.3859,
0.4502

59.6287, 0.2747,
0.2661

52.9278, 0.3973,
0.4691

59.6322, 0.2748,
0.2661

■ 52.6816, 0.4065,
0.4844

■ 59.6357, 0.2748,
0.2661

■ 52.5130, 0.4131,
0.4954

■ 59.6392, 0.2748,
0.2661

■ 52.4125, 0.4171,
0.5022

■ 59.6427, 0.2748,
0.2661

■ 52.3634, 0.4191,
0.5054

■ 59.6462, 0.2748,
0.2661

Harmonies

Analogous

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



55.5683, 0.3385, 0.3508



55.5683, 0.3283, 0.3548



55.5683, 0.3141, 0.3516

Triad

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



55.5683, 0.3283, 0.3548



55.5683, 0.2846, 0.3159



55.5683, 0.3255, 0.3166

Complementary

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



55.5683, 0.3283, 0.3548



44.8943, 0.2963, 0.3018

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.



55.5683, 0.3108, 0.3077



55.5683, 0.3283, 0.3548



55.5683, 0.2874, 0.3071

Square

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



55.5683, 0.3283, 0.3548



55.5683, 0.2890, 0.3287



55.5683, 0.2969, 0.3042



55.5683, 0.3369, 0.3286

Rectangle

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



55.5683, 0.3283, 0.3548



55.5683, 0.3043, 0.3457



55.5683, 0.2969, 0.3042



55.5683, 0.3208, 0.3131

Sweetspot

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



55.5707, 0.3283, 0.3548



99.5151, 0.3171, 0.3363



46.6442, 0.3313, 0.3291



21.2733, 0.3183, 0.3383



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.



55.5707, 0.3283, 0.3548



98.0377, 0.3322, 0.3613



54.1988, 0.3198, 0.3555



12.4163, 0.3265, 0.3518



34.0507, 0.4191, 0.5054



1.6125, 0.4191, 0.5054

Inverse Universe

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



44.8943, 0.2963, 0.3018



74.8956, 0.2919, 0.2946



46.1701, 0.3050, 0.3025



10.2881, 0.2983, 0.3051



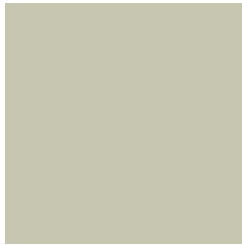
2.6529, 0.1501, 0.0600



0.1258, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 55.5683, 0.3283, 0.3548 looks on a white background.

Color Contrast Check

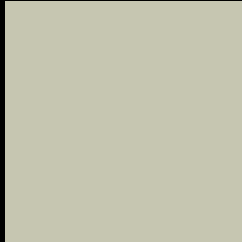
Large Text (above 18pt) WCAG AA × Fail

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 55.5683, 0.3283, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

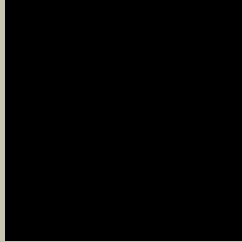
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

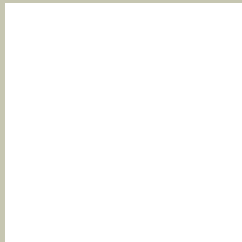
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5683, 0.3283, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 55.5683, 0.3283, 0.3548.



This preview shows how white text looks on a background with the Yxy color 55.5683, 0.3283, 0.3548.

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

55.5683, 0.3283, 0.3548

Protanopia

55.5936, 0.3352, 0.3533

Deuteranopia

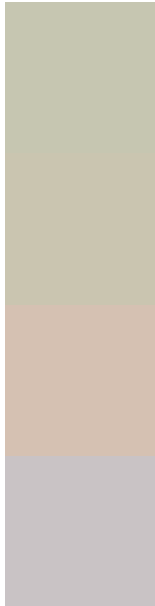
55.6112, 0.3484, 0.3418



Tritanopia

55.2999, 0.3080, 0.3101

Trichromacy



Original Color

55.5683, 0.3283, 0.3548

Protanomaly

55.6237, 0.3326, 0.3546

Deuteranomaly

55.5004, 0.3409, 0.3469

Tritanomaly

55.4789, 0.3160, 0.3266

Monochromacy



Original Color

55.5683, 0.3283, 0.3548

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.4769, 0.3186, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5683, 0.3283, 0.3548 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(198, 198, 177)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 177)  
}
```

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(198, 198, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 177) }
```

Border

The CSS property to change the border of an element to Yxy 55.5683, 0.3283, 0.3548 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(198, 198, 177) }
```

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

```
.border{ border-color:rgb(198, 198, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 177);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5683, 0.3283, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 177) }
```

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

```
.background{ background-color: rgb(198,  
198, 177) }
```

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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