

Converting Colors

$Yxy(55.7993, 0.3484, 0.3993)$

Have a look what the booklet for
Yxy(55.7993, 0.3484, 0.3993)
contains.

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Color

Yxy(55.9185, 0.3483, 0.3990)

Conversions

Conversions Part 1

Format	Color
Hex	C3CA92
RGB	195, 202, 146
RGB Percent	76%, 79%, 57%
CMY	0.2353, 0.2078, 0.4274
CMYK	0.03, 0.00, 0.28, 0.21
HSL	68°, 35%, 68%
HSV	68°, 28%, 79%
XYZ	48.8131, 55.9185, 35.4150
YIQ	193.5230, 13.8040, -18.9000

Conversions

Conversions Part 2

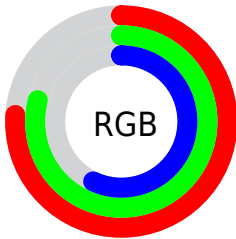
Format	Color
RYB	146, 202, 153
Decimal	12831378
CIELab	79.57, -11.52, 27.23
CIELCh	80, 29.565, 112.934
Yxy	55.9185, 0.3483, 0.3990
Android (android.graphics.Color)	4291021458 (0xFFC3CA92)
YUV	193.5230, -23.4288, 1.2953
Hunter-Lab	74.7787, -14.3437, 24.2654

Details

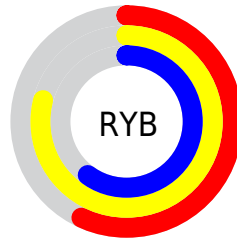
The Yxy color **55.9185, 0.3483, 0.3990** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.5972, 0.2708, 0.2510**, and the grayscale version is **53.7877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3856, 0.3434, 0.3834**, and **27.6688, 0.3569, 0.4178** is the 20% darker color. If you saturate the color by 10%, you get **55.0126, 0.3607, 0.4246**, and if you desaturate by 10%, it is **56.9461, 0.3354, 0.3732**.

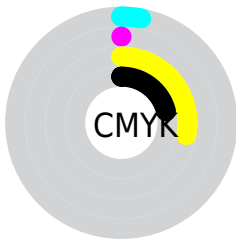
Distribution



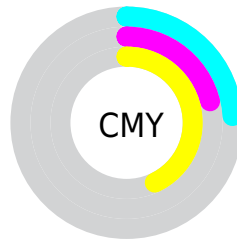
- Red (76%)
- Green (79%)
- Blue (57%)



- Red (57%)
- Yellow (79%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (28%)
- Black (21%)





- Cyan (24%)
- Magenta (21%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9185, 0.3483, 0.3990 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 55.9185, 0.3483, 0.3990 by changing the saturation by 10% instead.


 55.9185, 0.3483,
0.3990


 55.9185, 0.3483,
0.3990


409.3843, 0.3317,
0.3645

 40.1376, 0.3521,
0.4074


 98.8854, 0.3425,
0.3866

 27.6458, 0.3567,
0.4181


 126.8402, 0.3403,
0.3819

 18.0589, 0.3623,
0.4319


159.6217, 0.3383,
0.3779

 10.9922, 0.3694,
0.4506

197.6144, 0.3367,
0.3745

 6.0616, 0.3782,
0.4770

241.2026, 0.3352,
0.3715

 2.8826, 0.3937,
0.5236

290.7707, 0.3339,

 1.0707, 0.4039,

0.3688

0.5961

346.7031, 0.3327,
0.3665

0.0000, 0.0000,
0.0000

55.9185, 0.3483,
0.3990

55.9185, 0.3483,
0.3990

55.0126, 0.3607,
0.4246

56.9461, 0.3354,
0.3732

54.2152, 0.3720,
0.4489

58.0935, 0.3225,
0.3478

53.5223, 0.3817,
0.4711

59.3682, 0.3099,
0.3236

52.9268, 0.3894,
0.4900

60.7751, 0.2978,
0.3008

52.4206, 0.3946,
0.5049

62.3186, 0.2865,
0.2797

■ 51.9945, 0.3972,
0.5153

■ 63.1916, 0.2832,
0.2720

■ 51.6347, 0.3974,
0.5215

■ 63.5664, 0.2850,
0.2723

■ 51.5570, 0.3973,
0.5227

■ 63.9470, 0.2867,
0.2726

■ 64.3336, 0.2885,
0.2728

Harmonies

Analogous

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



55.9185, 0.3782, 0.3875



55.9185, 0.3483, 0.3990



55.9185, 0.3100, 0.3893

Triad

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



55.9185, 0.3483, 0.3990



55.9185, 0.2406, 0.2891



55.9185, 0.3508, 0.3002

Complementary

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



55.9185, 0.3483, 0.3990



31.5972, 0.2708, 0.2510

Split Complementary

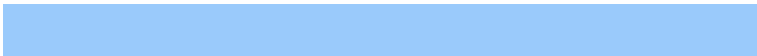
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.9185, 0.3116, 0.2774



55.9185, 0.3483, 0.3990



55.9185, 0.2498, 0.2699

Square

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



55.9185, 0.3483, 0.3990



55.9185, 0.2491, 0.3218



55.9185, 0.2749, 0.2663



55.9185, 0.3804, 0.3303

Rectangle

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



55.9185, 0.3483, 0.3990



55.9185, 0.2851, 0.3712



55.9185, 0.2749, 0.2663



55.9185, 0.3382, 0.2916

Sweetspot

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



55.9210, 0.3483, 0.3990



98.2737, 0.3230, 0.3488



37.2640, 0.3703, 0.3377



20.9685, 0.3250, 0.3526



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.



55.9210, 0.3483, 0.3990



93.7700, 0.3555, 0.4137



52.5868, 0.3256, 0.4044



13.0227, 0.3247, 0.3520



33.2004, 0.3976, 0.5225



1.7332, 0.4021, 0.5189

Inverse Universe

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



31.5972, 0.2708, 0.2510



46.1602, 0.2604, 0.2323



34.5913, 0.2956, 0.2564



10.9102, 0.3001, 0.3052



2.9008, 0.1551, 0.0628



0.1725, 0.1687, 0.0703

Previews

White Background



This preview shows how the Yxy color 55.9185, 0.3483, 0.3990 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 55.9185, 0.3483, 0.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

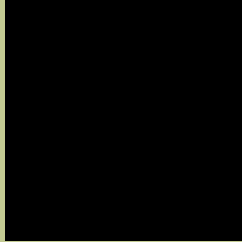
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

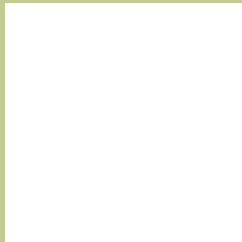
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9185, 0.3483, 0.3990

Background



This preview shows how black text looks on a background with the Yxy color 55.9185, 0.3483, 0.3990.



This preview shows how white text looks on a background with the Yxy color 55.9185, 0.3483, 0.3990.

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

55.9185, 0.3483, 0.3990

Protanopia

55.9432, 0.3659, 0.3925

Deuteranopia

55.7209, 0.3824, 0.3744



Tritanopia

55.8835, 0.3088, 0.3113

Trichromacy



Original Color

55.9185, 0.3483, 0.3990

Protanomaly

56.0130, 0.3593, 0.3947

Deuteranomaly

55.7818, 0.3699, 0.3832

Tritanomaly

55.7570, 0.3233, 0.3424

Monochromacy



Original Color

55.9185, 0.3483, 0.3990

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.5762, 0.3252, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9185, 0.3483, 0.3990 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(195, 202, 146)` looks like.

```
.text, #text, p{  
    color:rgb(195, 202, 146)  
}
```

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(195, 202, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 202, 146) }
```

Border

The CSS property to change the border of an element to Yxy 55.9185, 0.3483, 0.3990 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(195, 202, 146) }
```

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

```
.border{ border-color:rgb(195, 202, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 202, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 202, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 202, 146);  
box-shadow:4px 4px 4px 4px rgb(195, 202,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9185, 0.3483, 0.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 202, 146) }
```

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

```
.background{ background-color: rgb(195,  
202, 146) }
```

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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