

Converting Colors

$Yxy(55.6840, 0.3358, 0.3792)$

Have a look what the booklet for
Yxy(55.6840, 0.3358, 0.3792)
contains.

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Color

Yxy(55.6840, 0.3358, 0.3792)

Conversions

Conversions Part 1

Format	Color
Hex	C1C9A1
RGB	193, 201, 161
RGB Percent	76%, 79%, 63%
CMY	0.2431, 0.2117, 0.3688
CMYK	0.04, 0.00, 0.20, 0.21
HSL	72°, 27%, 71%
HSV	72°, 20%, 79%
XYZ	49.3109, 55.6840, 41.8511
YIQ	194.0480, 8.0720, -14.1360

Conversions

Conversions Part 2

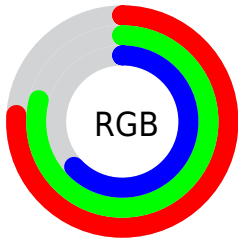
Format	Color
RYB	161, 201, 169
Decimal	12700065
CIELab	79.43, -9.59, 19.12
CIELCh	79, 21.393, 116.625
Yxy	55.6840, 0.3358, 0.3792
Android (android.graphics.Color)	4290890145 (0xFFC1C9A1)
YUV	194.0480, -16.2927, -0.9191
Hunter-Lab	74.6217, -12.6331, 18.9828

Details

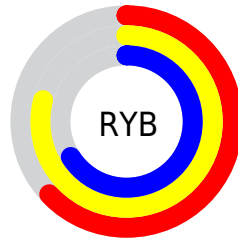
The Yxy color **55.6840, 0.3358, 0.3792** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.1265, 0.2866, 0.2757**, and the grayscale version is **54.0738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8019, 0.3325, 0.3675**, and **27.4605, 0.3415, 0.3933** is the 20% darker color. If you saturate the color by 10%, you get **54.5129, 0.3473, 0.4056**, and if you desaturate by 10%, it is **56.9883, 0.3241, 0.3534**.

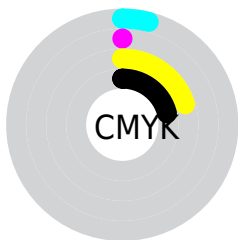
Distribution



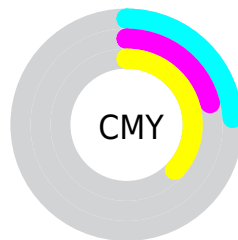
- Red (76%)
- Green (79%)
- Blue (63%)



- Red (63%)
- Yellow (79%)
- Blue (66%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (21%)





- Cyan (24%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.6840, 0.3358, 0.3792 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 55.6840, 0.3358, 0.3792 by changing the saturation by 10% instead.


 55.6840, 0.3358,
0.3792

 55.6840, 0.3358,
0.3792


408.4995, 0.3249,
0.3544

 39.9496, 0.3383,
0.3853


 98.5424, 0.3320,
0.3703

 27.4993, 0.3415,
0.3930


 126.4352, 0.3305,
0.3669

 17.9485, 0.3454,
0.4032


159.1496, 0.3292,
0.3640

 10.9130, 0.3506,
0.4170

197.0700, 0.3281,
0.3616

 6.0084, 0.3574,
0.4371

240.5808, 0.3272,
0.3594

 2.8502, 0.3664,
0.4683

290.0664, 0.3263,

 1.0540, 0.4185,

0.3575

0.5815

345.9112, 0.3256,
0.3559

0.0000, 0.0000,
0.0000

55.6840, 0.3358,
0.3792

55.6840, 0.3358,
0.3792

54.5129, 0.3473,
0.4056

56.9883, 0.3241,
0.3534

53.4622, 0.3581,
0.4319

58.4237, 0.3126,
0.3288

52.5282, 0.3678,
0.4570

59.9974, 0.3015,
0.3058

51.7044, 0.3757,
0.4800

61.7142, 0.2910,
0.2845

50.9836, 0.3815,
0.4996

63.1546, 0.2852,
0.2712

■ 50.3575, 0.3849,
0.5151

■ 63.7628, 0.2880,
0.2717

■ 49.8162, 0.3856,
0.5261

■ 64.3860, 0.2908,
0.2721

■ 49.3416, 0.3842,
0.5331

■ 65.0242, 0.2936,
0.2726

■ 49.3379, 0.3842,
0.5331

■ 65.6777, 0.2965,
0.2731

Harmonies

Analogous

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



55.6840, 0.3584, 0.3736



55.6840, 0.3358, 0.3792



55.6840, 0.3077, 0.3699

Triad

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



55.6840, 0.3358, 0.3792



55.6840, 0.2597, 0.2981



55.6840, 0.3435, 0.3105

Complementary

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



55.6840, 0.3358, 0.3792



38.1265, 0.2866, 0.2757

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.



55.6840, 0.3158, 0.2925



55.6840, 0.3358, 0.3792



55.6840, 0.2682, 0.2847

Square

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



55.6840, 0.3358, 0.3792



55.6840, 0.2646, 0.3211



55.6840, 0.2883, 0.2831



55.6840, 0.3633, 0.3335

Rectangle

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



55.6840, 0.3358, 0.3792



55.6840, 0.2898, 0.3563



55.6840, 0.2883, 0.2831



55.6840, 0.3348, 0.3037

Sweetspot

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



55.6865, 0.3358, 0.3792



98.4784, 0.3197, 0.3438



43.1091, 0.3500, 0.3385



21.0441, 0.3204, 0.3455



0.0000, 0.0000, 0.0000



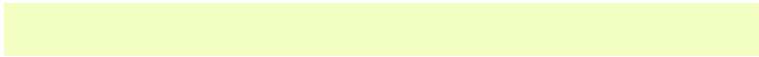
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.6865, 0.3358, 0.3792



94.4208, 0.3409, 0.3908



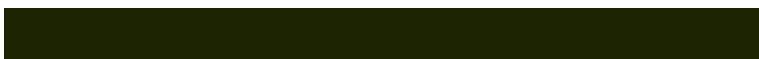
53.3060, 0.3201, 0.3817



12.3059, 0.3235, 0.3520



31.0589, 0.3847, 0.5327



1.4986, 0.3923, 0.5267

Inverse Universe

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



38.1265, 0.2866, 0.2757



58.8400, 0.2799, 0.2624



40.4283, 0.3036, 0.2783



10.3878, 0.3013, 0.3053



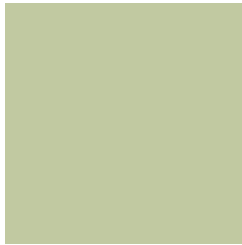
2.9683, 0.1604, 0.0657



0.1716, 0.1806, 0.0769

Previews

White Background



This preview shows how the Yxy color 55.6840, 0.3358, 0.3792 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 55.6840, 0.3358, 0.3792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

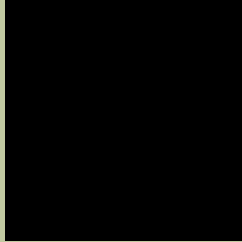
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

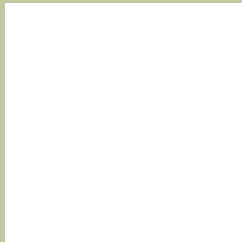
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6840, 0.3358, 0.3792

Background



This preview shows how black text looks on a background with the Yxy color 55.6840, 0.3358, 0.3792.



This preview shows how white text looks on a background with the Yxy color 55.6840, 0.3358, 0.3792.

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

55.6840, 0.3358, 0.3792

Protanopia

55.5384, 0.3519, 0.3738

Deuteranopia

55.3704, 0.3663, 0.3590



Tritanopia

55.5161, 0.3057, 0.3100

Trichromacy



Original Color

55.6840, 0.3358, 0.3792

Protanomaly

55.6227, 0.3455, 0.3756

Deuteranomaly

55.1956, 0.3555, 0.3660

Tritanomaly

55.6086, 0.3164, 0.3351

Monochromacy



Original Color

55.6840, 0.3358, 0.3792

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.7792, 0.3214, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6840, 0.3358, 0.3792 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(193, 201, 161)` looks like.

```
.text, #text, p{  
    color:rgb(193, 201, 161)  
}
```

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(193, 201, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 201, 161) }
```

Border

The CSS property to change the border of an element to Yxy 55.6840, 0.3358, 0.3792 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(193, 201, 161) }
```

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

```
.border{ border-color:rgb(193, 201, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 201, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 201, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 201, 161); box-shadow:4px 4px 4px 4px rgb(193, 201, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6840, 0.3358, 0.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 201, 161) }
```

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

```
.background{ background-color: rgb(193,  
201, 161) }
```

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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