

# Converting Colors

$Yxy(56.0102, 0.3436, 0.3862)$

Have a look what the booklet for  
Yxy(56.0102, 0.3436, 0.3862)  
contains.

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# Color

**Yxy(56.0102, 0.3436, 0.3862)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5C99B
RGB	197, 201, 155
RGB Percent	77%, 79%, 61%
CMY	0.2274, 0.2118, 0.3922
CMYK	0.02, 0.00, 0.23, 0.21
HSL	65°, 30%, 70%
HSV	65°, 23%, 79%
XYZ	49.8320, 56.0102, 39.1868
YIQ	194.5600, 12.3820, -15.1540

# Conversions

## Conversions Part 2

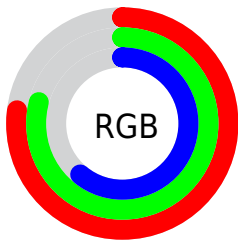
Format	Color
<b>RYB</b>	155, 201, 159
Decimal	12962203
CIELab	79.62, -8.98, 22.60
CIELCh	80, 24.317, 111.669
Yxy	56.0102, 0.3436, 0.3862
Android (android.graphics.Color)	4291152283 (0xFFC5C99B)
YUV	194.5600, -19.5031, 2.1399
Hunter-Lab	74.8400, -12.1162, 21.3432

# Details

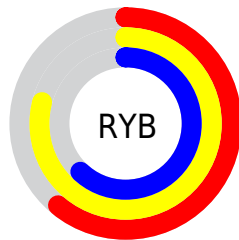
The Yxy color **56.0102, 0.3436, 0.3862** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.0212, 0.2776, 0.2660**, and the grayscale version is **54.4127, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2440, 0.3387, 0.3732**, and **27.7066, 0.3509, 0.4008** is the 20% darker color. If you saturate the color by 10%, you get **55.1594, 0.3570, 0.4117**, and if you desaturate by 10%, it is **56.9811, 0.3300, 0.3607**.

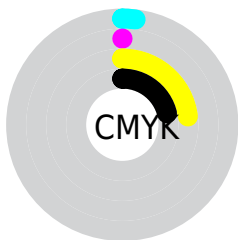
# Distribution



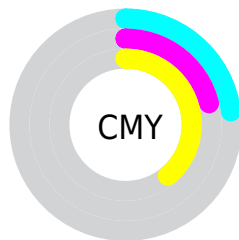
- Red (77%)
- Green (79%)
- Blue (61%)



- Red (61%)
- Yellow (79%)
- Blue (62%)



- Cyan (2%)
- Magenta (0%)
- Yellow (23%)
- Black (21%)




- Cyan (23%)
- Magenta (21%)
- Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0102, 0.3436, 0.3862 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 56.0102, 0.3436, 0.3862 by changing the saturation by 10% instead.





 56.0102, 0.3436,  
0.3862


 56.0102, 0.3436,  
0.3862


409.7299, 0.3290,  
0.3581

 40.2111, 0.3470,  
0.3931


 99.0195, 0.3385,  
0.3761

 27.7032, 0.3511,  
0.4017


 126.9985, 0.3365,  
0.3723

 18.1020, 0.3564,  
0.4131


159.8062, 0.3348,  
0.3690

 11.0233, 0.3632,  
0.4285

197.8271, 0.3333,  
0.3662

 6.0825, 0.3721,  
0.4504

241.4455, 0.3320,  
0.3638

 2.8953, 0.3843,  
0.4844

291.0459, 0.3309,

 1.0773, 0.4240,

0.3616

0.5760

347.0125, 0.3299,  
0.3597

0.0000, 0.0000,  
0.0000

56.0102, 0.3436,  
0.3862

56.0102, 0.3436,  
0.3862

55.1594, 0.3570,  
0.4117

56.9811, 0.3300,  
0.3607

54.4157, 0.3696,  
0.4362

58.0698, 0.3165,  
0.3360

53.7754, 0.3808,  
0.4589


59.2836, 0.3036,  
0.3124

53.2321, 0.3903,  
0.4787


60.6273, 0.2913,  
0.2903

52.7781, 0.3974,  
0.4948


62.0738, 0.2801,  
0.2704


 52.4050, 0.4019,  
0.5066


 62.3234, 0.2813,  
0.2706

 52.1026, 0.4039,  
0.5140

 62.5758, 0.2825,  
0.2708

 51.9173, 0.4042,  
0.5173

 62.8310, 0.2837,  
0.2710

 63.0889, 0.2849,  
0.2712

# Harmonies

## Analogous

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



56.0102, 0.3675, 0.3769



56.0102, 0.3436, 0.3862



56.0102, 0.3122, 0.3786

# Triad

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



56.0102, 0.3436, 0.3862



56.0102, 0.2528, 0.2974



56.0102, 0.3428, 0.3042

# Complementary

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



56.0102, 0.3436, 0.3862



35.0212, 0.2776, 0.2660

# Split Complementary

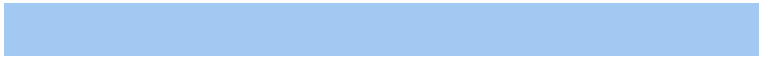
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.0102, 0.3106, 0.2853



56.0102, 0.3436, 0.3862



56.0102, 0.2598, 0.2805

# Square

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



56.0102, 0.3436, 0.3862



56.0102, 0.2606, 0.3248



56.0102, 0.2805, 0.2766



56.0102, 0.3674, 0.3294



# Rectangle

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



56.0102, 0.3436, 0.3862



56.0102, 0.2914, 0.3645



56.0102, 0.2805, 0.2766



56.0102, 0.3324, 0.2970

# Sweetspot

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



56.0127, 0.3436, 0.3862



98.6117, 0.3221, 0.3463



39.5173, 0.3582, 0.3341



21.0824, 0.3230, 0.3478



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.



56.0127, 0.3436, 0.3862



95.2201, 0.3497, 0.3977



53.1561, 0.3248, 0.3898



12.3686, 0.3252, 0.3519



32.6636, 0.4044, 0.5171



1.5607, 0.4077, 0.5145



# Inverse Universe

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



35.0212, 0.2776, 0.2660



53.6209, 0.2696, 0.2518



37.5782, 0.2978, 0.2695



10.3306, 0.2996, 0.3052



2.7458, 0.1532, 0.0617



0.1455, 0.1638, 0.0676



# Previews

## White Background



This preview shows how the Yxy color 56.0102, 0.3436, 0.3862 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 56.0102, 0.3436, 0.3862 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

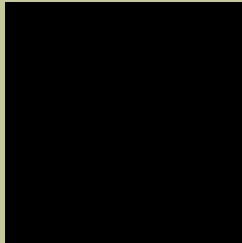
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

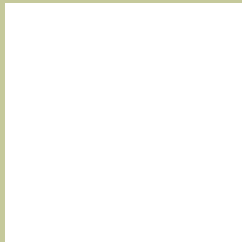
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 56.0102, 0.3436, 0.3862**

## **Background**



This preview shows how black text looks on a background with the Yxy color 56.0102, 0.3436, 0.3862.



This preview shows how white text looks on a background with the Yxy color 56.0102, 0.3436, 0.3862.

# 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

56.0102, 0.3436, 0.3862

### Protanopia

55.9341, 0.3572, 0.3820

### Deuteranopia

55.6525, 0.3739, 0.3656



## Tritanopia

56.0244, 0.3096, 0.3114

# Trichromacy



## Original Color

56.0102, 0.3436, 0.3862

## Protanomaly

55.7004, 0.3518, 0.3827

## Deuteranomaly

55.4457, 0.3629, 0.3728

## Tritanomaly

56.0241, 0.3219, 0.3387

# Monochromacy



## Original Color

56.0102, 0.3436, 0.3862

## Achromatopsia

54.5724, 0.3127, 0.3290

## Achromatomaly

54.9636, 0.3246, 0.3500

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 56.0102, 0.3436, 0.3862 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(197, 201, 155)` looks like.

```
.text, #text, p{  
    color:rgb(197, 201, 155)  
}
```

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(197, 201, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 201, 155) }
```

## Border

The CSS property to change the border of an element to Yxy 56.0102, 0.3436, 0.3862 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(197, 201, 155) }
```

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

```
.border{ border-color:rgb(197, 201, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 201, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 201, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 201, 155);  
box-shadow:4px 4px 4px 4px rgb(197, 201,  
155) }
```



# Background

The CSS property to change the background color of an element to Yxy 56.0102, 0.3436, 0.3862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 201, 155) }
```

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

```
.background{ background-color: rgb(197,  
201, 155) }
```

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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