

Converting Colors

Yxy(56.9207, 0.3451, 0.3856)

Have a look what the booklet for
Yxy(56.9207, 0.3451, 0.3856)
contains.

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Color

Yxy(56.9207, 0.3451, 0.3856)

Conversions

Conversions Part 1

Format	Color
Hex	C8CA9C
RGB	200, 202, 156
RGB Percent	78%, 79%, 61%
CMY	0.2156, 0.2078, 0.3882
CMYK	0.01, 0.00, 0.23, 0.21
HSL	63°, 30%, 70%
HSV	63°, 23%, 79%
XYZ	50.9423, 56.9207, 39.7530
YIQ	196.1580, 13.5740, -14.7300

Conversions

Conversions Part 2

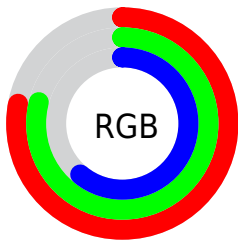
Format	Color
R _{YB}	156, 202, 158
Decimal	13159068
CIE Lab	80.13, -8.23, 22.81
CIE LCh	80, 24.245, 109.838
Yxy	56.9207, 0.3451, 0.3856
Android (android.graphics.Color)	4291349148 (0xFFC8CA9C)
YUV	196.1580, -19.7979, 3.3694
Hunter-Lab	75.4458, -11.5040, 21.5717

Details

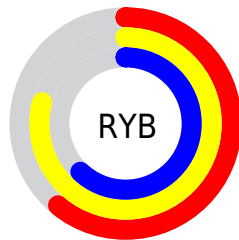
The Yxy color **56.9207, 0.3451, 0.3856** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.3092, 0.2761, 0.2660**, and the grayscale version is **55.4186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **28.2903, 0.3539, 0.4014** is the 20% darker color. If you saturate the color by 10%, you get **56.1746, 0.3592, 0.4107**, and if you desaturate by 10%, it is **57.7863, 0.3307, 0.3604**.

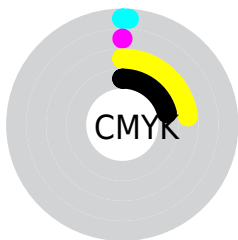
Distribution



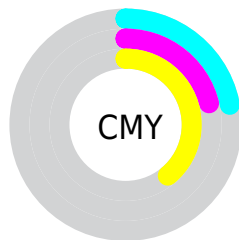
- Red (78%)
- Green (79%)
- Blue (61%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (23%)
- Black (21%)




- Cyan (22%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9207, 0.3451, 0.3856 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 56.9207, 0.3451, 0.3856 by changing the saturation by 10% instead.


 56.9207, 0.3451,
0.3856


 56.9207, 0.3451,
0.3856


413.1521, 0.3298,
0.3579

 40.9416, 0.3486,
0.3923


 100.3495, 0.3397,
0.3757

 28.2734, 0.3530,
0.4008


 128.5679, 0.3377,
0.3719

 18.5319, 0.3585,
0.4119


161.6349, 0.3359,
0.3687

 11.3325, 0.3657,
0.4268

199.9349, 0.3343,
0.3659

 6.2910, 0.3751,
0.4479

243.8522, 0.3330,
0.3635

 3.0228, 0.3877,
0.4801

293.7712, 0.3318,

 1.1436, 0.4309,

0.3614

0.5691

350.0764, 0.3307,
0.3595

0.0149, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.9207, 0.3451,
0.3856

56.9207, 0.3451,
0.3856

56.1746, 0.3592,
0.4107

57.7863, 0.3307,
0.3604

55.5349, 0.3727,
0.4347

58.7691, 0.3166,
0.3357

54.9980, 0.3847,
0.4567

59.8766, 0.3029,
0.3121

54.5571, 0.3949,
0.4757

61.1133, 0.2901,
0.2899

■ 54.2048, 0.4028,
0.4909

■ 62.3543, 0.2793,
0.2713

■ 53.9324, 0.4082,
0.5018

■ 62.4786, 0.2799,
0.2714

■ 53.7295, 0.4109,
0.5085

■ 62.6036, 0.2805,
0.2715

■ 53.6127, 0.4118,
0.5113

■ 62.7294, 0.2811,
0.2716

■ 62.8558, 0.2817,
0.2717

Harmonies

Analogous

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



56.9207, 0.3681, 0.3755



56.9207, 0.3451, 0.3856



56.9207, 0.3142, 0.3792

Triad

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



56.9207, 0.3451, 0.3856



56.9207, 0.2533, 0.2991



56.9207, 0.3407, 0.3031

Complementary

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



56.9207, 0.3451, 0.3856



35.3092, 0.2761, 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.



56.9207, 0.3087, 0.2848



56.9207, 0.3451, 0.3856



56.9207, 0.2594, 0.2816

Square

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



56.9207, 0.3451, 0.3856



56.9207, 0.2620, 0.3267



56.9207, 0.2792, 0.2769



56.9207, 0.3659, 0.3278

Rectangle

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



56.9207, 0.3451, 0.3856



56.9207, 0.2934, 0.3657



56.9207, 0.2792, 0.2769



56.9207, 0.3303, 0.2961

Sweetspot

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



56.9232, 0.3451, 0.3856



98.7568, 0.3226, 0.3462



39.2516, 0.3586, 0.3311



21.1161, 0.3235, 0.3477



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.



56.9232, 0.3451, 0.3856



95.7701, 0.3517, 0.3972



54.0447, 0.3266, 0.3891



13.0710, 0.3259, 0.3519



34.5085, 0.4119, 0.5112



1.7881, 0.4134, 0.5100

Inverse Universe

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



35.3092, 0.2761, 0.2660



53.2369, 0.2675, 0.2514



37.8084, 0.2958, 0.2695



10.8668, 0.2989, 0.3051



2.7903, 0.1515, 0.0608



0.1523, 0.1567, 0.0637

Previews

White Background



This preview shows how the Yxy color 56.9207, 0.3451, 0.3856 looks on a white background.

Color Contrast Check

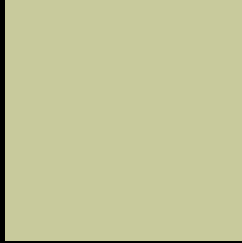
Large Text (above 18pt) WCAG AA × Fail

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 56.9207, 0.3451, 0.3856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

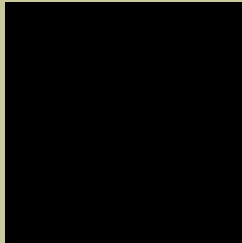
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

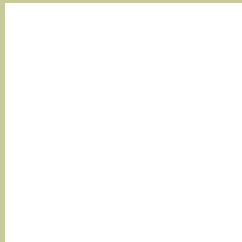
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9207, 0.3451, 0.3856

Background



This preview shows how black text looks on a background with the Yxy color 56.9207, 0.3451, 0.3856.



This preview shows how white text looks on a background with the Yxy color 56.9207, 0.3451, 0.3856.

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

56.9207, 0.3451, 0.3856

Protanopia

56.7183, 0.3578, 0.3817

Deuteranopia

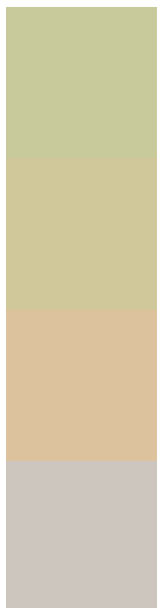
56.8860, 0.3742, 0.3665



Tritanopia

56.9488, 0.3112, 0.3115

Trichromacy



Original Color

56.9207, 0.3451, 0.3856

Protanomaly

56.6233, 0.3534, 0.3822

Deuteranomaly

56.6802, 0.3633, 0.3736

Tritanomaly

56.9432, 0.3234, 0.3386

Monochromacy



Original Color

56.9207, 0.3451, 0.3856

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.5947, 0.3245, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9207, 0.3451, 0.3856 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(200, 202, 156)` looks like.

```
.text, #text, p{  
    color:rgb(200, 202, 156)  
}
```

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(200, 202, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 202, 156) }
```

Border

The CSS property to change the border of an element to Yxy 56.9207, 0.3451, 0.3856 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(200, 202, 156) }
```

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

```
.border{ border-color:rgb(200, 202, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 202, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 202, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 202, 156);  
box-shadow:4px 4px 4px 4px rgb(200, 202,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9207, 0.3451, 0.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 202, 156) }
```

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

```
.background{ background-color: rgb(200,  
202, 156) }
```

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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