

Converting Colors

$Y_{xy}(56.8776, 0.3529, 0.3984)$

Have a look what the booklet for
Yxy(56.8776, 0.3529, 0.3984)
contains.

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Color

Yxy(56.7339, 0.3534, 0.3978)

Conversions

Conversions Part 1

Format	Color
Hex	C9CA92
RGB	201, 202, 146
RGB Percent	79%, 79%, 57%
CMY	0.2116, 0.2079, 0.4275
CMYK	0.00, 0.00, 0.28, 0.21
HSL	61°, 35%, 68%
HSV	61°, 28%, 79%
XYZ	50.4016, 56.7339, 35.4836
YIQ	195.3170, 17.3800, -17.6280

Conversions

Conversions Part 2

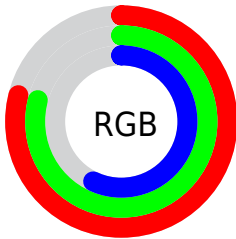
Format	Color
RYB	146, 202, 147
Decimal	13224594
CIELab	80.03, -9.22, 27.94
CIELCh	80, 29.417, 108.257
Yxy	56.7339, 0.3534, 0.3978
Android (android.graphics.Color)	4291414674 (0xFFC9CA92)
YUV	195.3170, -24.3133, 4.9840
Hunter-Lab	75.3219, -12.3702, 24.7942

Details

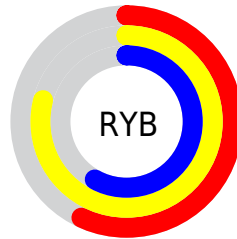
The Yxy color **56.7339, 0.3534, 0.3978** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.0179, 0.2656, 0.2499**, and the grayscale version is **54.9154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9501, 0.3454, 0.3830**, and **28.1170, 0.3626, 0.4160** is the 20% darker color. If you saturate the color by 10%, you get **56.1141, 0.3677, 0.4222**, and if you desaturate by 10%, it is **57.4699, 0.3386, 0.3727**.

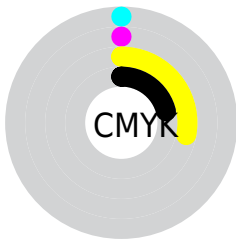
Distribution



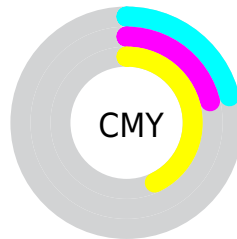
- Red (79%)
- Green (79%)
- Blue (57%)



- Red (57%)
- Yellow (79%)
- Blue (58%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7339, 0.3534, 0.3978 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 56.7339, 0.3534, 0.3978 by changing the saturation by 10% instead.


 56.7339, 0.3534,
0.3978


 56.7339, 0.3534,
0.3978

412.4514, 0.3343,
0.3641

 40.7916, 0.3578,
0.4059


 100.0768, 0.3468,
0.3858

 28.1563, 0.3631,
0.4161


 128.2462, 0.3442,
0.3812

 18.4435, 0.3697,
0.4294


161.2602, 0.3419,
0.3773

 11.2689, 0.3781,
0.4471

199.5030, 0.3400,
0.3739

 6.2480, 0.3887,
0.4716

243.3592, 0.3383,
0.3710

 2.9965, 0.4067,
0.5141

293.2131, 0.3368,

 1.1299, 0.4236,

0.3684

0.5764

349.4490, 0.3355,
0.3661

■ 0.0033, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7339, 0.3534,
0.3978

■ 56.7339, 0.3534,
0.3978

■ 56.1141, 0.3677,
0.4222

■ 57.4699, 0.3386,
0.3727

■ 55.5972, 0.3810,
0.4449


■ 58.3200, 0.3238,
0.3478


■ 55.1791, 0.3927,
0.4651


■ 59.2918, 0.3095,
0.3236


■ 54.8530, 0.4023,
0.4818


■ 60.3899, 0.2959,
0.3007

 54.6107, 0.4094,
0.4943


 61.6190, 0.2831,
0.2792


 54.4429, 0.4138,
0.5026


 62.1732, 0.2784,
0.2712

 54.3360, 0.4160,
0.5069

 62.2222, 0.2787,
0.2712

 54.3152, 0.4163,
0.5076

 62.2714, 0.2789,
0.2713

 62.3206, 0.2791,
0.2713

Harmonies

Analogous

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



56.7339, 0.3808, 0.3837



56.7339, 0.3534, 0.3978



56.7339, 0.3161, 0.3916

Triad

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



56.7339, 0.3534, 0.3978



56.7339, 0.2415, 0.2938



56.7339, 0.3447, 0.2964

Complementary

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



56.7339, 0.3534, 0.3978



31.0179, 0.2656, 0.2499

Split Complementary

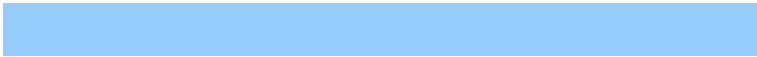
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.7339, 0.3055, 0.2753



56.7339, 0.3534, 0.3978



56.7339, 0.2478, 0.2724

Square

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



56.7339, 0.3534, 0.3978



56.7339, 0.2526, 0.3277



56.7339, 0.2705, 0.2664



56.7339, 0.3762, 0.3254

Rectangle

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



56.7339, 0.3534, 0.3978



56.7339, 0.2909, 0.3756



56.7339, 0.2705, 0.2664



56.7339, 0.3318, 0.2882

Sweetspot

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



56.7364, 0.3534, 0.3978



98.6884, 0.3244, 0.3487



35.4749, 0.3722, 0.3304



21.0738, 0.3266, 0.3525



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.



56.7364, 0.3534, 0.3978



95.4403, 0.3617, 0.4119



53.2058, 0.3301, 0.4033



13.0865, 0.3263, 0.3519



34.9566, 0.4164, 0.5076



1.8066, 0.4170, 0.5071

Inverse Universe

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



31.0179, 0.2656, 0.2499



45.0940, 0.2541, 0.2307



33.9244, 0.2904, 0.2552



10.8531, 0.2985, 0.3051



2.7625, 0.1506, 0.0603



0.1458, 0.1527, 0.0615

Previews

White Background



This preview shows how the Yxy color 56.7339, 0.3534, 0.3978 looks on a white background.

Color Contrast Check

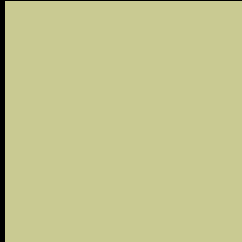
Large Text (above 18pt) WCAG AA × Fail

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 56.7339, 0.3534, 0.3978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

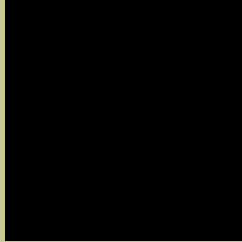
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

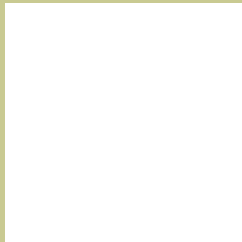
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7339, 0.3534, 0.3978

Background



This preview shows how black text looks on a background with the Yxy color 56.7339, 0.3534, 0.3978.



This preview shows how white text looks on a background with the Yxy color 56.7339, 0.3534, 0.3978.

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

56.7339, 0.3534, 0.3978

Protanopia

56.5479, 0.3664, 0.3934

Deuteranopia

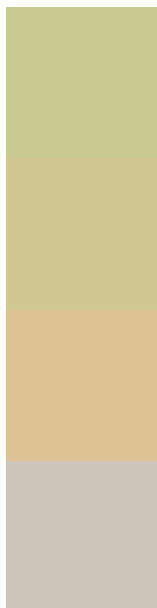
56.4575, 0.3845, 0.3763



Tritanopia

56.7423, 0.3135, 0.3116

Trichromacy



Original Color

56.7339, 0.3534, 0.3978

Protanomaly

56.4465, 0.3619, 0.3941

Deuteranomaly

56.2198, 0.3733, 0.3838

Tritanomaly

56.5995, 0.3282, 0.3422

Monochromacy



Original Color

56.7339, 0.3534, 0.3978

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.4328, 0.3275, 0.3549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7339, 0.3534, 0.3978 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(201, 202, 146)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 202, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 202, 146) }
```

Border

The CSS property to change the border of an element to Yxy 56.7339, 0.3534, 0.3978 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(201, 202, 146) }
```

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

```
.border{ border-color:rgb(201, 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(201, 202, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 202, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 202, 146);  
box-shadow:4px 4px 4px 4px rgb(201, 202,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7339, 0.3534, 0.3978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 202, 146) }
```

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

```
.background{ background-color: rgb(201,  
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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