

# Converting Colors

Yxy(56.9147, 0.3209, 0.3549)

Have a look what the booklet for  
Yxy(56.9147, 0.3209, 0.3549)  
contains.

<b>Yxy(56.9147, 0.3209, 0.3549)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(56.9147, 0.3209, 0.3549)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1CAB5
RGB	193, 202, 181
RGB Percent	76%, 79%, 71%
CMY	0.2430, 0.2079, 0.2902
CMYK	0.04, 0.00, 0.10, 0.21
HSL	86°, 17%, 75%
HSV	86°, 10%, 79%
XYZ	51.4622, 56.9147, 51.9914
YIQ	196.9150, 1.3770, -8.4390

# Conversions

## Conversions Part 2

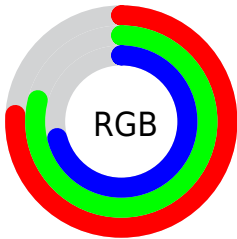
Format	Color
<b>RYB</b>	181, 202, 190
Decimal	12700341
CIELab	80.13, -6.84, 9.42
CIElCh	80, 11.641, 125.963
Yxy	56.9147, 0.3209, 0.3549
Android (android.graphics.Color)	4290890421 (0xFFC1CAB5)
YUV	196.9150, -7.8461, -3.4335
Hunter-Lab	75.4418, -10.2605, 11.9491

# Details

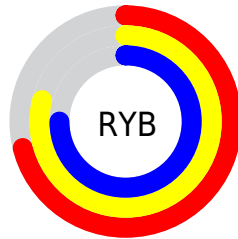
The Yxy color **56.9147, 0.3209, 0.3549** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2547, 0.3039, 0.3029**, and the grayscale version is **55.8338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7742, 0.3194, 0.3466**, and **28.2273, 0.3226, 0.3623** is the 20% darker color. If you saturate the color by 10%, you get **55.0479, 0.3287, 0.3817**, and if you desaturate by 10%, it is **58.9726, 0.3130, 0.3299**.

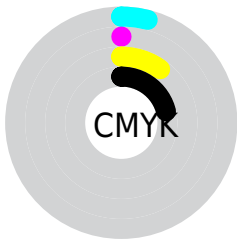
# Distribution



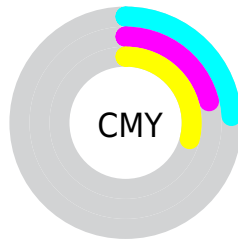
- Red (76%)
- Green (79%)
- Blue (71%)



- Red (71%)
- Yellow (79%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9147, 0.3209, 0.3549 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 56.9147, 0.3209, 0.3549 by changing the saturation by 10% instead.



■ 56.9147, 0.3209,  
0.3549

■ 56.9147, 0.3209,  
0.3549

413.1296, 0.3170,  
0.3422

■ 40.9368, 0.3218,  
0.3580

■ 100.3407, 0.3195,  
0.3503

■ 28.2697, 0.3229,  
0.3619

128.5576, 0.3190,  
0.3486

■ 18.5290, 0.3244,  
0.3671

161.6229, 0.3186,  
0.3472

■ 11.3305, 0.3263,  
0.3741

199.9210, 0.3182,  
0.3459

■ 6.2896, 0.3289,  
0.3844

243.8363, 0.3178,  
0.3448

■ 3.0220, 0.3328,  
0.4006

293.7533, 0.3175,

■ 1.1432, 0.3455,

0.3438

0.4386

350.0562, 0.3173,  
0.3430

0.0146, 0.0000,  
1.0000

0.0000, 0.0000,  
0.0000

56.9147, 0.3209,  
0.3549

56.9147, 0.3209,  
0.3549

55.0479, 0.3287,  
0.3817

58.9726, 0.3130,  
0.3299

53.3585, 0.3362,  
0.4099

61.2200, 0.3053,  
0.3070

51.8422, 0.3430,  
0.4389

63.6651, 0.2979,  
0.2862

50.4920, 0.3486,  
0.4675

65.8674, 0.2953,  
0.2739

■ 49.3002, 0.3525,  
0.4945

■ 67.3067, 0.3014,  
0.2749

■ 48.2580, 0.3544,  
0.5186

■ 68.8170, 0.3076,  
0.2759

■ 47.3561, 0.3539,  
0.5384

■ 70.3994, 0.3139,  
0.2770

■ 46.5831, 0.3511,  
0.5531

■ 70.7172, 0.3151,  
0.2772

■ 45.9427, 0.3468,  
0.5628

# Harmonies

## Analogous

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



56.9147, 0.3343, 0.3548



56.9147, 0.3209, 0.3549



56.9147, 0.3056, 0.3476

# Triad

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



56.9147, 0.3209, 0.3549



56.9147, 0.2843, 0.3096



56.9147, 0.3333, 0.3228

# Complementary

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



56.9147, 0.3209, 0.3549



48.2547, 0.3039, 0.3029

# 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.



56.9147, 0.3194, 0.3115



56.9147, 0.3209, 0.3549



56.9147, 0.2912, 0.3038

# Square

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



56.9147, 0.3209, 0.3549



56.9147, 0.2847, 0.3209



56.9147, 0.3040, 0.3045



56.9147, 0.3416, 0.3360



# Rectangle

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



56.9147, 0.3209, 0.3549



56.9147, 0.2963, 0.3395



56.9147, 0.3040, 0.3045



56.9147, 0.3291, 0.3187

# Sweetspot

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



56.9172, 0.3209, 0.3549



98.9038, 0.3151, 0.3364



52.6104, 0.3297, 0.3398



21.1079, 0.3157, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

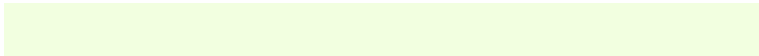


# Same Dimension

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



56.9172, 0.3209, 0.3549



95.7931, 0.3223, 0.3595



55.6108, 0.3128, 0.3555



12.8493, 0.3201, 0.3523



29.6197, 0.3477, 0.5621



1.5722, 0.3614, 0.5512



# Inverse Universe

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



48.2547, 0.3039, 0.3029



78.8276, 0.3022, 0.2982



49.6267, 0.3124, 0.3036



11.0738, 0.3048, 0.3055



4.0705, 0.1896, 0.0818



0.2544, 0.2121, 0.0942



# Previews

## White Background



This preview shows how the Yxy color 56.9147, 0.3209, 0.3549 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 56.9147, 0.3209, 0.3549 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

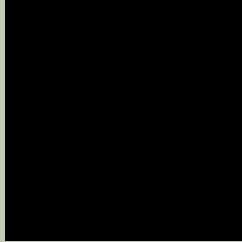
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

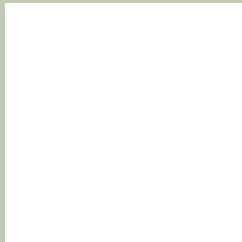
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 56.9147, 0.3209, 0.3549**

## **Background**



This preview shows how black text looks on a background with the Yxy color 56.9147, 0.3209, 0.3549.



This preview shows how white text looks on a background with the Yxy color 56.9147, 0.3209, 0.3549.

# 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

56.9147, 0.3209, 0.3549

### Protanopia

56.9082, 0.3342, 0.3518

### Deuteranopia

56.8061, 0.3456, 0.3394



## Tritanopia

56.7424, 0.3020, 0.3101

# Trichromacy



## Original Color

56.9147, 0.3209, 0.3549

## Protanomaly

56.6987, 0.3292, 0.3521

## Deuteranomaly

56.8543, 0.3364, 0.3456

## Tritanomaly

56.7997, 0.3089, 0.3266

# Monochromacy



## Original Color

56.9147, 0.3209, 0.3549

## Achromatopsia

55.8340, 0.3127, 0.3290

## Achromatomaly

56.3442, 0.3162, 0.3387

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 56.9147, 0.3209, 0.3549 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, 202, 181)` looks like.

```
.text, #text, p{  
    color:rgb(193, 202, 181)  
}
```

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, 202, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 202, 181) }
```

## Border

The CSS property to change the border of an element to Yxy 56.9147, 0.3209, 0.3549 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, 202, 181) }
```

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

```
.border{ border-color:rgb(193, 202, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 202, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 202, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 202, 181); box-shadow:4px 4px 4px 4px rgb(193, 202, 181) }
```



# Background

The CSS property to change the background color of an element to Yxy 56.9147, 0.3209, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 202, 181) }
```

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

```
.background{ background-color: rgb(193,  
202, 181) }
```

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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