

# Converting Colors

Yxy(57.0577, 0.3160, 0.3136)

Have a look what the booklet for  
Yxy(57.0577, 0.3160, 0.3136)  
contains.

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# Color

**Yxy(56.9865, 0.3159, 0.3128)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3C2D0
RGB	211, 194, 208
RGB Percent	83%, 76%, 82%
CMY	0.1724, 0.2393, 0.1843
CMYK	0.00, 0.08, 0.01, 0.17
HSL	311°, 16%, 79%
HSV	311°, 8%, 83%
XYZ	57.5513, 56.9865, 67.6441
YIQ	200.6790, 5.6380, 7.9580

# Conversions

## Conversions Part 2

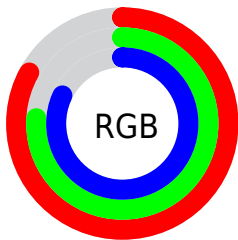
Format	Color
R <sub>YB</sub>	211, 194, 208
Decimal	13877968
CIE Lab	80.17, 8.47, -4.84
CIE LCh	80, 9.754, 330.239
Yxy	56.9865, 0.3159, 0.3128
Android (android.graphics.Color)	4292068048 (0xFFD3C2D0)
YUV	200.6790, 3.6093, 9.0515
Hunter-Lab	75.4894, 3.9776, -0.2857

# Details

The Yxy color  $56.9865, 0.3159, 0.3128$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $62.1126, 0.3097, 0.3458$ , and the grayscale version is  $58.1789, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $97.4744, 0.3129, 0.3252$ , and  $28.1572, 0.3159, 0.3075$  is the 20% darker color. If you saturate the color by 10%, you get  $48.0700, 0.3204, 0.2921$ , and if you desaturate by 10%, it is  $67.2463, 0.3120, 0.3327$ .

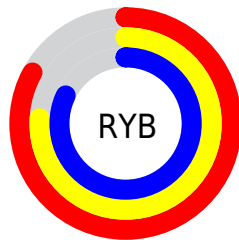
# Distribution



Red (83%)

Green (76%)

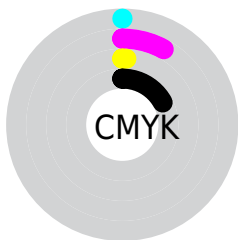
Blue (82%)



Red (83%)

Yellow (76%)

Blue (82%)

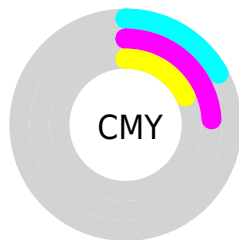


Cyan (0%)

Magenta (8%)

Yellow (1%)

Black (17%)



Cyan (17%)

Magenta (24%)


Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9865, 0.3159, 0.3128 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 56.9865, 0.3159, 0.3128 by changing the saturation by 10% instead.




 56.9865, 0.3159,  
0.3128

 56.9865, 0.3159,  
0.3128


413.3987, 0.3144,  
0.3205

 40.9944, 0.3162,  
0.3110


 100.4455, 0.3154,  
0.3155

 28.3147, 0.3167,  
0.3087


128.6812, 0.3152,  
0.3166

 18.5630, 0.3172,  
0.3057


161.7668, 0.3150,  
0.3175

 11.3550, 0.3179,  
0.3017

200.0869, 0.3149,  
0.3183

 6.3061, 0.3189,  
0.2961

244.0257, 0.3147,  
0.3189

 3.0321, 0.3204,  
0.2876

293.9677, 0.3146,

 1.1485, 0.3227,

0.3195

0.2733

350.2972, 0.3145,  
0.3201

0.0190, 0.3728,  
0.0316

0.0000, 0.0000,  
0.0000

56.9865, 0.3159,  
0.3128

56.9865, 0.3159,  
0.3128

48.0700, 0.3204,  
0.2921

67.2463, 0.3120,  
0.3327

40.4336, 0.3255,  
0.2711

78.8948, 0.3087,  
0.3516

34.0196, 0.3312,  
0.2504

90.5058, 0.3059,  
0.3669

28.7636, 0.3374,  
0.2309

90.7066, 0.3038,  
0.3628

■ 24.5946, 0.3441,  
0.2136

■ 90.9119, 0.3017,  
0.3587

■ 21.4343, 0.3510,  
0.1995

■ 91.1217, 0.2997,  
0.3546

■ 19.1937, 0.3579,  
0.1894

■ 91.3361, 0.2976,  
0.3506

■ 17.7683, 0.3647,  
0.1838

■ 91.5551, 0.2956,  
0.3466

■ 17.0055, 0.3711,  
0.1825

■ 91.7787, 0.2936,  
0.3426

# Harmonies

## Analogous

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



56.9865, 0.3032, 0.3079



56.9865, 0.3159, 0.3128



56.9865, 0.3280, 0.3218

# Triad

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



56.9865, 0.3159, 0.3128



56.9865, 0.3325, 0.3499



56.9865, 0.2900, 0.3244

# Complementary

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



56.9865, 0.3159, 0.3128



62.1126, 0.3097, 0.3458

# 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.



56.9865, 0.2975, 0.3362



56.9865, 0.3159, 0.3128



56.9865, 0.3220, 0.3511

# Square

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



56.9865, 0.3159, 0.3128



56.9865, 0.3377, 0.3431



56.9865, 0.3092, 0.3461



56.9865, 0.2884, 0.3143



# Rectangle

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



56.9865, 0.3159, 0.3128



56.9865, 0.3340, 0.3291



56.9865, 0.3092, 0.3461



56.9865, 0.2919, 0.3283

# Sweetspot

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



56.9890, 0.3159, 0.3128



96.7307, 0.3135, 0.3250



55.1319, 0.3025, 0.3087



20.7386, 0.3134, 0.3252



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.



56.9890, 0.3159, 0.3128



84.5064, 0.3168, 0.3087



56.5895, 0.3222, 0.3224



11.9714, 0.3165, 0.3101



10.2014, 0.3715, 0.1820



0.5801, 0.3606, 0.1760



# Inverse Universe

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



56.9890, 0.3159, 0.3128



84.5064, 0.3168, 0.3087



62.5053, 0.3041, 0.3357



11.9714, 0.3165, 0.3101



10.2014, 0.3715, 0.1820

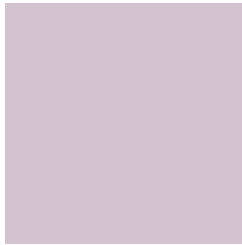


0.5801, 0.3606, 0.1760



# Previews

## White Background



This preview shows how the Yxy color 56.9865, 0.3159, 0.3128 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

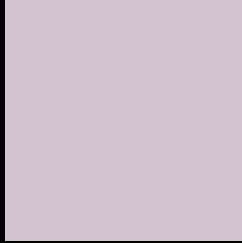
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 56.9865, 0.3159, 0.3128 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

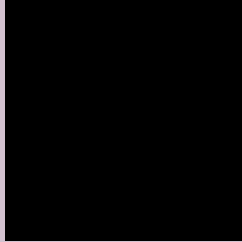
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

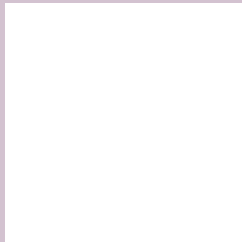
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 56.9865, 0.3159, 0.3128**

## **Background**



This preview shows how black text looks on a background with the Yxy color 56.9865, 0.3159, 0.3128.



This preview shows how white text looks on a background with the Yxy color 56.9865, 0.3159, 0.3128.

# 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

56.9865, 0.3159, 0.3128

### Protanopia

57.1834, 0.3049, 0.3148

### Deuteranopia

56.9901, 0.3183, 0.3118



## Tritanopia

57.0359, 0.3151, 0.3117

# Trichromacy



## Original Color

56.9865, 0.3159, 0.3128

## Protanomaly

57.2325, 0.3087, 0.3149

## Deuteranomaly

56.8401, 0.3175, 0.3117

## Tritanomaly

57.0359, 0.3151, 0.3117

# Monochromacy



## Original Color

56.9865, 0.3159, 0.3128

## Achromatopsia

58.4078, 0.3127, 0.3290

## Achromatomaly

57.7269, 0.3138, 0.3220

# CSS Examples

## Text

The CSS property to change the color of the text to  $Yxy$  56.9865, 0.3159, 0.3128 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(211, 194, 208)` looks like.

```
.text, #text, p{  
    color:rgb(211, 194, 208)  
}
```

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(211, 194, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 194, 208) }
```

## Border

The CSS property to change the border of an element to Yxy 56.9865, 0.3159, 0.3128 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(211, 194, 208) }
```

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

```
.border{ border-color:rgb(211, 194, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 194, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 194, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 194, 208);  
box-shadow:4px 4px 4px 4px rgb(211, 194,  
208) }
```



# Background

The CSS property to change the background color of an element to Yxy 56.9865, 0.3159, 0.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 194, 208) }
```

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

```
.background{ background-color: rgb(211,  
194, 208) }
```

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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