

# Converting Colors

Yxy(56.9134, 0.3144, 0.3134)

Have a look what the booklet for  
Yxy(56.9134, 0.3144, 0.3134)  
contains.

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# Color

**Yxy(56.6929, 0.3143, 0.3127)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1C2D0
RGB	209, 194, 208
RGB Percent	82%, 76%, 82%
CMY	0.1802, 0.2393, 0.1842
CMYK	0.00, 0.07, 0.00, 0.18
HSL	304°, 14%, 79%
HSV	304°, 7%, 82%
XYZ	56.9830, 56.6929, 67.6254
YIQ	200.0810, 4.4460, 7.5340

# Conversions

## Conversions Part 2

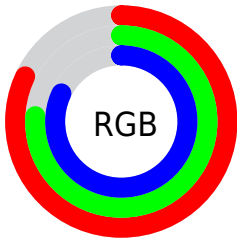
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	209, 194, 208
Decimal	13746896
CIE Lab	80.01, 7.78, -5.11
CIE LCh	80, 9.312, 326.709
Yxy	56.6929, 0.3143, 0.3127
Android (android.graphics.Color)	4291936976 (0xFFD1C2D0)
YUV	200.0810, 3.9041, 7.8220
Hunter-Lab	75.2947, 3.3230, -0.5446

# Details

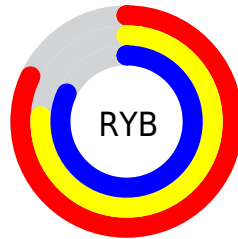
The Yxy color  $56.6929, 0.3143, 0.3127$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $61.0331, 0.3112, 0.3459$ , and the grayscale version is  $57.7899, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $96.8512, 0.3129, 0.3242$ , and  $28.0578, 0.3148, 0.3075$  is the 20% darker color. If you saturate the color by 10%, you get  $47.9662, 0.3167, 0.2895$ , and if you desaturate by 10%, it is  $66.7340, 0.3121, 0.3352$ .

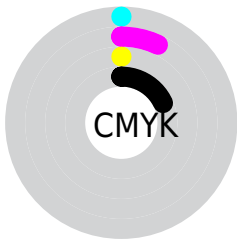
# Distribution



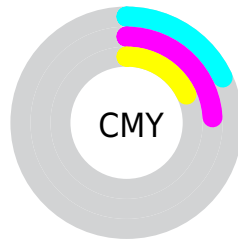
- Red (82%)
- Green (76%)
- Blue (82%)



- Red (82%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)




- Cyan (18%)
- Magenta (24%)
- Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6929, 0.3143, 0.3127 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 56.6929, 0.3143, 0.3127 by changing the saturation by 10% instead.





 56.6929, 0.3143,  
0.3127

 56.6929, 0.3143,  
0.3127


412.2976, 0.3136,  
0.3205

 40.7587, 0.3145,  
0.3109

 100.0170, 0.3141,  
0.3155

 28.1306, 0.3147,  
0.3085


128.1756, 0.3140,  
0.3165

 18.4241, 0.3149,  
0.3055


161.1779, 0.3139,  
0.3174

 11.2549, 0.3152,  
0.3015

199.4082, 0.3138,  
0.3182

 6.2386, 0.3156,  
0.2959

243.2510, 0.3137,  
0.3189

 2.9907, 0.3162,  
0.2873

293.0905, 0.3137,

 1.1269, 0.3170,

0.3195

0.2726

349.3112, 0.3136,  
0.3200

0.0007, 0.3470,  
0.0013

0.0000, 0.0000,  
0.0000

56.6929, 0.3143,  
0.3127

56.6929, 0.3143,  
0.3127

47.9662, 0.3167,  
0.2895

66.7340, 0.3121,  
0.3352

40.4922, 0.3193,  
0.2660

78.1334, 0.3102,  
0.3565

34.2152, 0.3221,  
0.2431

89.8512, 0.3086,  
0.3747

29.0725, 0.3250,  
0.2217

89.9238, 0.3078,  
0.3732

■ 24.9957, 0.3280,  
0.2027

■ 89.9970, 0.3070,  
0.3716

■ 21.9088, 0.3309,  
0.1870

■ 90.0708, 0.3062,  
0.3700

■ 19.7261, 0.3336,  
0.1753

■ 90.1453, 0.3054,  
0.3684

■ 18.3472, 0.3361,  
0.1679

■ 90.2204, 0.3046,  
0.3669

■ 17.6366, 0.3384,  
0.1647

■ 90.2962, 0.3038,  
0.3653

# Harmonies

## Analogous

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



56.6929, 0.3023, 0.3086



56.6929, 0.3143, 0.3127



56.6929, 0.3261, 0.3210

# Triad

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



56.6929, 0.3143, 0.3127



56.6929, 0.3325, 0.3485



56.6929, 0.2915, 0.3260

# Complementary

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



56.6929, 0.3143, 0.3127



61.0331, 0.3112, 0.3459

# 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.



56.6929, 0.2993, 0.3371



56.6929, 0.3143, 0.3127



56.6929, 0.3229, 0.3503

# Square

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



56.6929, 0.3143, 0.3127



56.6929, 0.3367, 0.3415



56.6929, 0.3108, 0.3462



56.6929, 0.2893, 0.3159



# Rectangle

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



56.6929, 0.3143, 0.3127



56.6929, 0.3322, 0.3279



56.6929, 0.3108, 0.3462



56.6929, 0.2936, 0.3297

# Sweetspot

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



56.6953, 0.3143, 0.3127



96.7667, 0.3131, 0.3245



54.7848, 0.3025, 0.3109



20.7459, 0.3131, 0.3247



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.



56.6953, 0.3143, 0.3127



86.1208, 0.3147, 0.3083



56.3345, 0.3199, 0.3214



11.9945, 0.3148, 0.3076



10.7852, 0.3387, 0.1640



0.6073, 0.3351, 0.1620



# Inverse Universe

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



56.6953, 0.3143, 0.3127



86.1208, 0.3147, 0.3083



61.3813, 0.3060, 0.3368



11.9945, 0.3148, 0.3076



10.7852, 0.3387, 0.1640

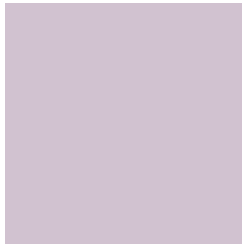


0.6073, 0.3351, 0.1620



# Previews

## White Background



This preview shows how the Yxy color 56.6929, 0.3143, 0.3127 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

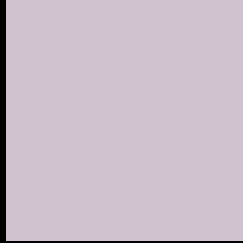
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 56.6929, 0.3143, 0.3127 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

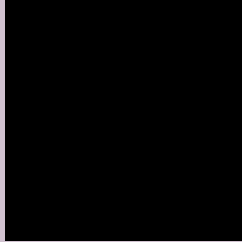
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

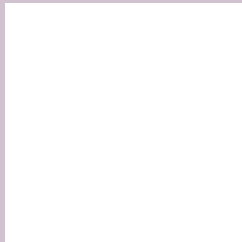
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 56.6929, 0.3143, 0.3127**

## **Background**



This preview shows how black text looks on a background with the Yxy color 56.6929, 0.3143, 0.3127.



This preview shows how white text looks on a background with the Yxy color 56.6929, 0.3143, 0.3127.

# 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

56.6929, 0.3143, 0.3127

### Protanopia

56.7278, 0.3049, 0.3136

### Deuteranopia

56.8401, 0.3175, 0.3117



## Tritanopia

56.7423, 0.3135, 0.3116

# Trichromacy



## Original Color

56.6929, 0.3143, 0.3127

## Protanomaly

56.7798, 0.3087, 0.3137

## Deuteranomaly

56.6910, 0.3167, 0.3117

## Tritanomaly

56.7423, 0.3135, 0.3116

# Monochromacy



## Original Color

56.6929, 0.3143, 0.3127

## Achromatopsia

57.7580, 0.3127, 0.3290

## Achromatomaly

57.3965, 0.3130, 0.3231

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 56.6929, 0.3143, 0.3127 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(209, 194, 208)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 194, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 194, 208) }
```

## Border

The CSS property to change the border of an element to Yxy 56.6929, 0.3143, 0.3127 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(209, 194, 208) }
```

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

```
.border{ border-color:rgb(209, 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(209, 194, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 194, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 194, 208);  
box-shadow:4px 4px 4px 4px rgb(209, 194,  
208) }
```



# Background

The CSS property to change the background color of an element to Yxy 56.6929, 0.3143, 0.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 194, 208) }
```

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

```
.background{ background-color: rgb(209,  
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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