

Converting Colors

Yxy(56.9433, 0.3159, 0.3145)

Have a look what the booklet for
Yxy(56.9433, 0.3159, 0.3145)
contains.

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Color

Yxy(56.7902, 0.3158, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	D2C2CF
RGB	210, 194, 207
RGB Percent	82%, 76%, 81%
CMY	0.1765, 0.2392, 0.1882
CMYK	0.00, 0.08, 0.01, 0.18
HSL	311°, 15%, 79%
HSV	311°, 8%, 82%
XYZ	57.1339, 56.7902, 66.9940
YIQ	200.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

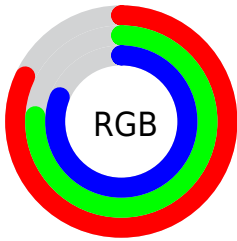
Format	Color
R _Y B	210, 194, 207
Decimal	13812431
CIE Lab	80.06, 7.92, -4.48
CIE LCh	80, 9.100, 330.481
Yxy	56.7902, 0.3158, 0.3139
Android (android.graphics.Color)	4292002511 (0xFFD2C2CF)
YUV	200.2660, 3.3199, 8.5367
Hunter-Lab	75.3593, 3.4518, 0.0430

Details

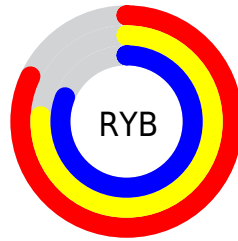
The Yxy color **56.7902, 0.3158, 0.3139** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5928, 0.3098, 0.3446**, and the grayscale version is **57.9097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **28.1240, 0.3169, 0.3090** is the 20% darker color. If you saturate the color by 10%, you get **47.9071, 0.3204, 0.2934**, and if you desaturate by 10%, it is **67.0038, 0.3118, 0.3336**.

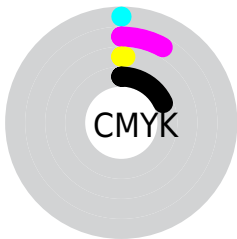
Distribution



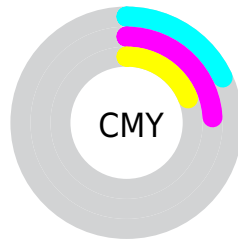
- Red (82%)
- Green (76%)
- Blue (81%)



- Red (82%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (18%)





- Cyan (18%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7902, 0.3158, 0.3139 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 56.7902, 0.3158, 0.3139 by changing the saturation by 10% instead.


 56.7902, 0.3158,
0.3139

 56.7902, 0.3158,
0.3139


412.6627, 0.3144,
0.3211

 40.8368, 0.3161,
0.3122


 100.1590, 0.3153,
0.3165

 28.1916, 0.3166,
0.3100


128.3432, 0.3151,
0.3174

 18.4701, 0.3171,
0.3073


161.3732, 0.3149,
0.3183

 11.2881, 0.3178,
0.3035

199.6332, 0.3148,
0.3190

 6.2609, 0.3188,
0.2983

243.5078, 0.3147,
0.3196

 3.0044, 0.3202,
0.2903

293.3813, 0.3145,

 1.1340, 0.3226,

0.3202

0.2767

349.6382, 0.3144,
0.3207

0.0068, 0.3788,
0.0129

0.0000, 0.0000,
0.0000

56.7902, 0.3158,
0.3139

56.7902, 0.3158,
0.3139

47.9071, 0.3204,
0.2934

67.0038, 0.3118,
0.3336

40.2920, 0.3256,
0.2726

78.5925, 0.3084,
0.3522

33.8884, 0.3315,
0.2520

90.3229, 0.3056,
0.3676

28.6325, 0.3380,
0.2326

90.5310, 0.3034,
0.3633

■ 24.4549, 0.3449,
0.2154

■ 90.7440, 0.3013,
0.3590

■ 21.2784, 0.3522,
0.2012

■ 90.9618, 0.2991,
0.3548

■ 19.0158, 0.3595,
0.1909

■ 91.1846, 0.2970,
0.3506

■ 17.5646, 0.3666,
0.1852

■ 91.4124, 0.2949,
0.3464

■ 16.7820, 0.3734,
0.1840

■ 91.6452, 0.2928,
0.3422

Harmonies

Analogous

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



56.7902, 0.3039, 0.3093



56.7902, 0.3158, 0.3139



56.7902, 0.3271, 0.3224

Triad

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



56.7902, 0.3158, 0.3139



56.7902, 0.3311, 0.3486



56.7902, 0.2914, 0.3247

Complementary

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



56.7902, 0.3158, 0.3139



61.5928, 0.3098, 0.3446

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.



56.7902, 0.2984, 0.3356



56.7902, 0.3158, 0.3139



56.7902, 0.3213, 0.3496

Square

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



56.7902, 0.3158, 0.3139



56.7902, 0.3360, 0.3423



56.7902, 0.3093, 0.3449



56.7902, 0.2900, 0.3152

Rectangle

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



56.7902, 0.3158, 0.3139



56.7902, 0.3326, 0.3292



56.7902, 0.3093, 0.3449



56.7902, 0.2932, 0.3283

Sweetspot

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



56.7927, 0.3158, 0.3139



96.7281, 0.3135, 0.3250



55.1000, 0.3033, 0.3099



20.7381, 0.3135, 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.



56.7927, 0.3158, 0.3139



85.9492, 0.3164, 0.3109



56.4134, 0.3218, 0.3231



11.9697, 0.3166, 0.3103



10.1628, 0.3740, 0.1834



0.5783, 0.3626, 0.1771

Inverse Universe

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



56.7927, 0.3158, 0.3139



85.9492, 0.3164, 0.3109



61.9670, 0.3044, 0.3350



11.9697, 0.3166, 0.3103



10.1628, 0.3740, 0.1834



0.5783, 0.3626, 0.1771

Previews

White Background



This preview shows how the Yxy color 56.7902, 0.3158, 0.3139 looks on a white background.

Color Contrast Check

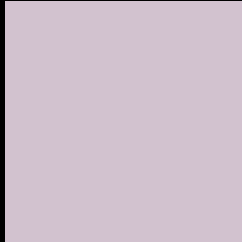
Large Text (above 18pt) WCAG AA × Fail

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 56.7902, 0.3158, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

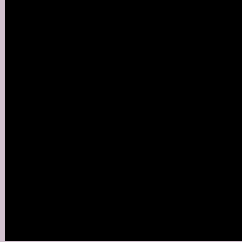
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7902, 0.3158, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 56.7902, 0.3158, 0.3139.



This preview shows how white text looks on a background with the Yxy color 56.7902, 0.3158, 0.3139.

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

56.7902, 0.3158, 0.3139

Protanopia

56.6781, 0.3056, 0.3148

Deuteranopia

56.9411, 0.3191, 0.3129



Tritanopia

56.8887, 0.3143, 0.3116

Trichromacy



Original Color

56.7902, 0.3158, 0.3139

Protanomaly

56.7304, 0.3095, 0.3149

Deuteranomaly

56.7911, 0.3183, 0.3129

Tritanomaly

56.8393, 0.3151, 0.3128

Monochromacy



Original Color

56.7902, 0.3158, 0.3139

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.5373, 0.3138, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7902, 0.3158, 0.3139 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(210, 194, 207)` looks like.

```
.text, #text, p{  
    color:rgb(210, 194, 207)  
}
```

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(210, 194, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 194, 207) }
```

Border

The CSS property to change the border of an element to Yxy 56.7902, 0.3158, 0.3139 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(210, 194, 207) }
```

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

```
.border{ border-color:rgb(210, 194, 207) }
```

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

Here you see how a box with a 4 pixel rgb(210, 194, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 194, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 194, 207);  
box-shadow:4px 4px 4px 4px rgb(210, 194,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7902, 0.3158, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 194, 207) }
```

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

```
.background{ background-color: rgb(210,  
194, 207) }
```

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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