

Converting Colors

Yxy(56.6944, 0.3128, 0.3233)

Have a look what the booklet for
Yxy(56.6944, 0.3128, 0.3233)
contains.

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Color

Yxy(56.7533, 0.3130, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	CAC5CA
RGB	202, 197, 202
RGB Percent	79%, 77%, 79%
CMY	0.2079, 0.2274, 0.2079
CMYK	0.00, 0.02, 0.00, 0.21
HSL	300°, 4%, 78%
HSV	300°, 2%, 79%
XYZ	54.9792, 56.7533, 63.9199
YIQ	199.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

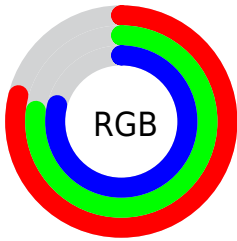
Format	Color
RYB	202, 197, 202
Decimal	13288906
CIELab	80.04, 2.64, -1.88
CIElCh	80, 3.236, 324.545
Yxy	56.7533, 0.3130, 0.3231
Android (android.graphics.Color)	4291478986 (0xFFCAC5CA)
YUV	199.0650, 1.4470, 2.5740
Hunter-Lab	75.3348, -1.5669, 2.4281

Details

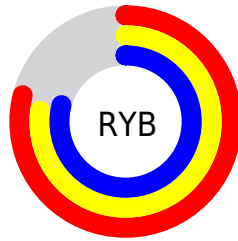
The Yxy color **56.7533, 0.3130, 0.3231** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1394, 0.3124, 0.3350**, and the grayscale version is **57.1451, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **28.0789, 0.3131, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **48.1866, 0.3142, 0.2986**, and if you desaturate by 10%, it is **66.5539, 0.3119, 0.3466**.

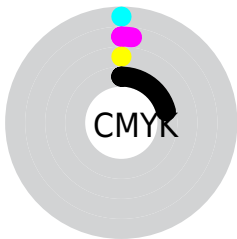
Distribution



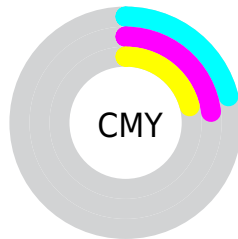
- Red (79%)
- Green (77%)
- Blue (79%)



- Red (79%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (21%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7533, 0.3130, 0.3231 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 56.7533, 0.3130, 0.3231 by changing the saturation by 10% instead.

■ 56.7533, 0.3130,
0.3231

■ 56.7533, 0.3130,
0.3231

412.5242, 0.3129,
0.3260

■ 40.8072, 0.3130,
0.3224

100.1051, 0.3130,
0.3241

■ 28.1685, 0.3131,
0.3216

128.2797, 0.3129,
0.3245

■ 18.4527, 0.3131,
0.3204

161.2991, 0.3129,
0.3248

■ 11.2755, 0.3132,
0.3189

199.5479, 0.3129,
0.3251

■ 6.2524, 0.3132,
0.3168

243.4104, 0.3129,
0.3254

■ 2.9992, 0.3134,
0.3135

293.2711, 0.3129,

■ 1.1313, 0.3135,

0.3256

0.3077

349.5142, 0.3129,
0.3258

0.0045, 0.3279,
0.0215

0.0000, 0.0000,
0.0000

56.7533, 0.3130,
0.3231

56.7533, 0.3130,
0.3231

48.1866, 0.3142,
0.2986

66.5539, 0.3119,
0.3466

40.7981, 0.3154,
0.2738

77.6270, 0.3108,
0.3688

34.5383, 0.3166,
0.2493

88.3434, 0.3099,
0.3868

29.3518, 0.3177,
0.2260

88.3451, 0.3099,
0.3868

■ 25.1783, 0.3188,
0.2049

■ 88.3469, 0.3099,
0.3867

■ 21.9516, 0.3197,
0.1868

■ 88.3486, 0.3099,
0.3867

■ 19.5975, 0.3204,
0.1726

■ 88.3504, 0.3099,
0.3867

■ 18.0312, 0.3209,
0.1626

■ 88.3521, 0.3098,
0.3866

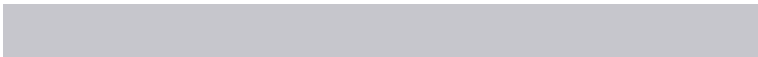
■ 17.1504, 0.3212,
0.1567

■ 88.3539, 0.3098,
0.3866

Harmonies

Analogous

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



56.7533, 0.3088, 0.3218



56.7533, 0.3130, 0.3231



56.7533, 0.3171, 0.3260

Triad

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



56.7533, 0.3130, 0.3231



56.7533, 0.3198, 0.3357



56.7533, 0.3054, 0.3283

Complementary

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



56.7533, 0.3130, 0.3231



58.1394, 0.3124, 0.3350

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.



56.7533, 0.3083, 0.3321



56.7533, 0.3130, 0.3231



56.7533, 0.3166, 0.3364

Square

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



56.7533, 0.3130, 0.3231



56.7533, 0.3210, 0.3332



56.7533, 0.3124, 0.3350



56.7533, 0.3045, 0.3248

Rectangle

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



56.7533, 0.3130, 0.3231



56.7533, 0.3193, 0.3284



56.7533, 0.3124, 0.3350



56.7533, 0.3062, 0.3296

Sweetspot

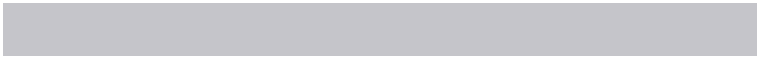
The Sweet Spot groups the original color and five complimentary colors.



56.7557, 0.3130, 0.3231



98.3835, 0.3128, 0.3266



56.0731, 0.3091, 0.3230



21.0751, 0.3128, 0.3267



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.



56.7557, 0.3130, 0.3231



95.2149, 0.3131, 0.3217



56.6392, 0.3148, 0.3260



12.5043, 0.3132, 0.3200



10.8129, 0.3214, 0.1544



0.5579, 0.3213, 0.1544

Inverse Universe

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



56.7557, 0.3130, 0.3231



95.2149, 0.3131, 0.3217



58.2540, 0.3107, 0.3320



12.5043, 0.3132, 0.3200



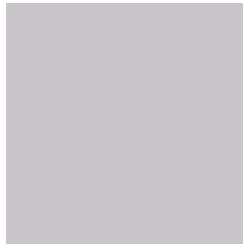
10.8129, 0.3214, 0.1544



0.5579, 0.3213, 0.1544

Previews

White Background



This preview shows how the Yxy color 56.7533, 0.3130, 0.3231 looks on a white background.

Color Contrast Check

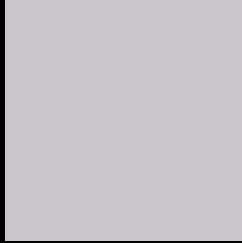
Large Text (above 18pt) WCAG AA × Fail

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 56.7533, 0.3130, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

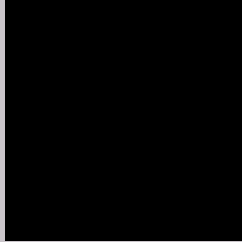
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

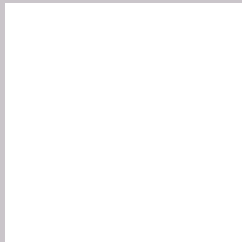
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7533, 0.3130, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 56.7533, 0.3130, 0.3231.

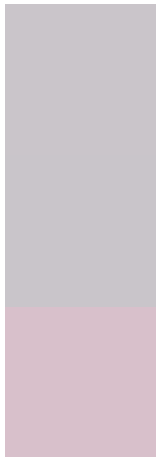


This preview shows how white text looks on a background with the Yxy color 56.7533, 0.3130, 0.3231.

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

56.7533, 0.3130, 0.3231

Protanopia

56.6143, 0.3122, 0.3230

Deuteranopia

56.6100, 0.3239, 0.3164



Tritanopia

56.8795, 0.3073, 0.3114

Trichromacy



Original Color

56.7533, 0.3130, 0.3231

Protanomaly

56.6143, 0.3122, 0.3230

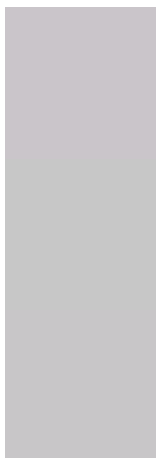
Deuteranomaly

56.7443, 0.3196, 0.3186

Tritanomaly

56.7304, 0.3095, 0.3149

Monochromacy



Original Color

56.7533, 0.3130, 0.3231

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.8377, 0.3128, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7533, 0.3130, 0.3231 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(202, 197, 202)` looks like.

```
.text, #text, p{  
    color:rgb(202, 197, 202)  
}
```

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(202, 197, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 197, 202) }
```

Border

The CSS property to change the border of an element to Yxy 56.7533, 0.3130, 0.3231 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(202, 197, 202) }
```

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

```
.border{ border-color:rgb(202, 197, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 197, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 197, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 197, 202);  
box-shadow:4px 4px 4px 4px rgb(202, 197,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7533, 0.3130, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 197, 202) }
```

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

```
.background{ background-color: rgb(202,  
197, 202) }
```

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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