

Converting Colors

Yxy(56.6813, 0.3103, 0.3235)

Have a look what the booklet for
Yxy(56.6813, 0.3103, 0.3235)
contains.

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Color

Yxy(56.7945, 0.3106, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	C7C6CA
RGB	199, 198, 202
RGB Percent	78%, 78%, 79%
CMY	0.2195, 0.2235, 0.2078
CMYK	0.01, 0.02, 0.00, 0.21
HSL	255°, 4%, 78%
HSV	255°, 2%, 79%
XYZ	54.4120, 56.7945, 63.9770
YIQ	198.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

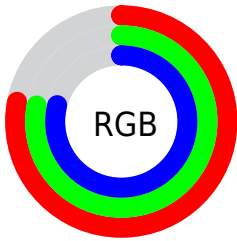
Format	Color
R _Y B	199, 198, 202
Decimal	13092554
CIE Lab	80.06, 1.10, -1.89
CIE LCh	80, 2.183, 300.196
Yxy	56.7945, 0.3106, 0.3242
Android (android.graphics.Color)	4291282634 (0xFFC7C6CA)
YUV	198.7550, 1.5998, 0.2149
Hunter-Lab	75.3621, -3.0054, 2.4205

Details

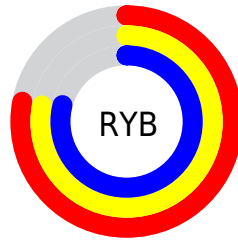
The Yxy color **56.7945, 0.3106, 0.3242** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7391, 0.3148, 0.3338**, and the grayscale version is **56.9490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.1044, 0.3099, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **46.2093, 0.2989, 0.2984**, and if you desaturate by 10%, it is **68.8203, 0.3206, 0.3473**.

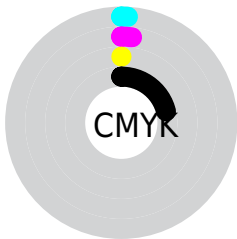
Distribution



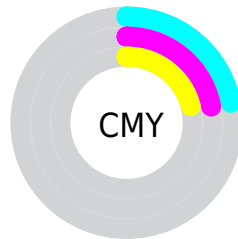
- Red (78%)
- Green (78%)
- Blue (79%)



- Red (78%)
- Yellow (78%)
- Blue (79%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (22%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7945, 0.3106, 0.3242 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 56.7945, 0.3106, 0.3242 by changing the saturation by 10% instead.

■ 56.7945, 0.3106,
0.3242

■ 56.7945, 0.3106,
0.3242

412.6788, 0.3116,
0.3265

■ 40.8403, 0.3104,
0.3236

100.1653, 0.3110,
0.3250

■ 28.1943, 0.3100,
0.3229

128.3506, 0.3111,
0.3253

■ 18.4722, 0.3096,
0.3220

161.3818, 0.3112,
0.3256

■ 11.2895, 0.3091,
0.3208

199.6432, 0.3113,
0.3258

■ 6.2619, 0.3083,
0.3190

243.5192, 0.3114,
0.3260

■ 3.0050, 0.3070,
0.3163

293.3942, 0.3115,

■ 1.1343, 0.3048,

0.3262

0.3115

349.6526, 0.3116,
0.3264

0.0071, 0.1860,
0.0392

0.0000, 0.0000,
0.0000

56.7945, 0.3106,
0.3242

56.7945, 0.3106,
0.3242

46.2093, 0.2989,
0.2984

68.8203, 0.3206,
0.3473

37.0031, 0.2856,
0.2699

82.3307, 0.3292,
0.3677

29.1206, 0.2705,
0.2390

95.0575, 0.3370,
0.3823

22.5000, 0.2539,
0.2066

97.0447, 0.3442,
0.3810

■ 17.0742, 0.2362,
0.1738

■ 12.7702, 0.2182,
0.1424

■ 9.5064, 0.2008,
0.1145

■ 7.1901, 0.1853,
0.0920

■ 5.7112, 0.1725,
0.0762

Harmonies

Analogous

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



56.7945, 0.3083, 0.3244



56.7945, 0.3106, 0.3242



56.7945, 0.3135, 0.3253

Triad

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



56.7945, 0.3106, 0.3242



56.7945, 0.3183, 0.3322



56.7945, 0.3093, 0.3306

Complementary

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



56.7945, 0.3106, 0.3242



58.7391, 0.3148, 0.3338

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.



56.7945, 0.3120, 0.3328



56.7945, 0.3106, 0.3242



56.7945, 0.3171, 0.3337

Square

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



56.7945, 0.3106, 0.3242



56.7945, 0.3179, 0.3299



56.7945, 0.3148, 0.3339



56.7945, 0.3076, 0.3281

Rectangle

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



56.7945, 0.3106, 0.3242



56.7945, 0.3153, 0.3266



56.7945, 0.3148, 0.3339



56.7945, 0.3101, 0.3314

Sweetspot

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



56.7969, 0.3106, 0.3242



98.0248, 0.3116, 0.3266



58.0470, 0.3097, 0.3278



21.0022, 0.3117, 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.



56.7969, 0.3106, 0.3242



96.0747, 0.3106, 0.3241



57.0708, 0.3122, 0.3242



12.8027, 0.3107, 0.3245



3.2387, 0.1656, 0.0686



0.2043, 0.1866, 0.0801

Inverse Universe

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



57.1622, 0.3137, 0.3255



96.7059, 0.3137, 0.3254



58.4652, 0.3133, 0.3338



12.8805, 0.3136, 0.3256



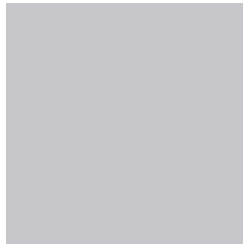
9.5259, 0.3970, 0.1961



0.5032, 0.3790, 0.1862

Previews

White Background



This preview shows how the Yxy color 56.7945, 0.3106, 0.3242 looks on a white background.

Color Contrast Check

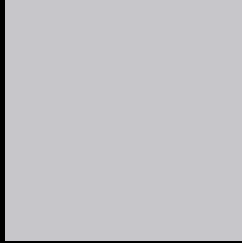
Large Text (above 18pt) WCAG AA × Fail

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 56.7945, 0.3106, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

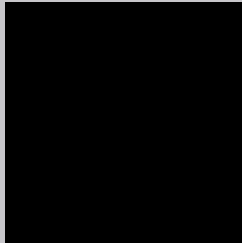
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

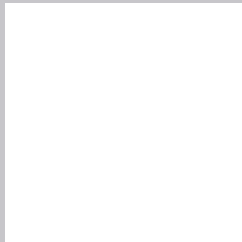
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7945, 0.3106, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 56.7945, 0.3106, 0.3242.

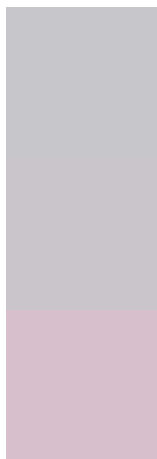


This preview shows how white text looks on a background with the Yxy color 56.7945, 0.3106, 0.3242.

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

56.7945, 0.3106, 0.3242

Protanopia

56.6143, 0.3122, 0.3230

Deuteranopia

56.4581, 0.3230, 0.3163



Tritanopia

56.6508, 0.3050, 0.3102

Trichromacy



Original Color

56.7945, 0.3106, 0.3242

Protanomaly

56.4761, 0.3114, 0.3230

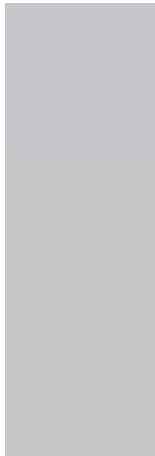
Deuteranomaly

56.4507, 0.3180, 0.3185

Tritanomaly

56.7659, 0.3071, 0.3160

Monochromacy



Original Color

56.7945, 0.3106, 0.3242

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.1591, 0.3120, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7945, 0.3106, 0.3242 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(199, 198, 202)` looks like.

```
.text, #text, p{  
    color:rgb(199, 198, 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(199, 198, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 198, 202) }
```

Border

The CSS property to change the border of an element to Yxy 56.7945, 0.3106, 0.3242 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(199, 198, 202) }
```

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

```
.border{ border-color:rgb(199, 198, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 198, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 198, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 198, 202);  
box-shadow:4px 4px 4px 4px rgb(199, 198,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7945, 0.3106, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 198, 202) }
```

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

```
.background{ background-color: rgb(199,  
198, 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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