

Converting Colors

Yxy(56.9214, 0.3006, 0.3121)

Have a look what the booklet for
Yxy(56.9214, 0.3006, 0.3121)
contains.

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Color

Yxy(56.8774, 0.3012, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	C4C6D4
RGB	196, 198, 212
RGB Percent	77%, 78%, 83%
CMY	0.2312, 0.2236, 0.1685
CMYK	0.08, 0.07, 0.00, 0.17
HSL	233°, 16%, 80%
HSV	233°, 8%, 83%
XYZ	54.8558, 56.8774, 70.3910
YIQ	198.9980, -5.6860, 3.9300

Conversions

Conversions Part 2

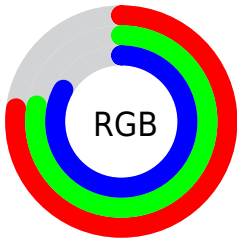
Format	Color
R _Y B	196, 198, 212
Decimal	12895956
CIE Lab	80.11, 2.02, -7.23
CIE LCh	80, 7.504, 285.633
Yxy	56.8774, 0.3012, 0.3123
Android (android.graphics.Color)	4291086036 (0xFFC4C6D4)
YUV	198.9980, 6.4100, -2.6292
Hunter-Lab	75.4171, -2.1451, -2.5467

Details

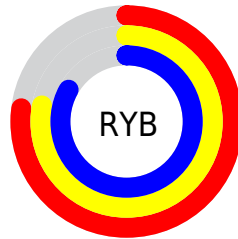
The Yxy color **56.8774, 0.3012, 0.3123** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1302, 0.3240, 0.3452**, and the grayscale version is **57.0813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **28.1316, 0.2983, 0.3083** is the 20% darker color. If you saturate the color by 10%, you get **46.2303, 0.2844, 0.2876**, and if you desaturate by 10%, it is **68.9799, 0.3163, 0.3341**.

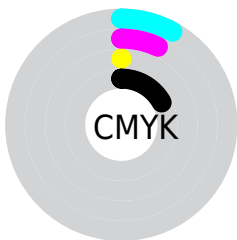
Distribution



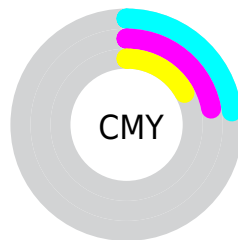
- Red (77%)
- Green (78%)
- Blue (83%)



- Red (77%)
- Yellow (78%)
- Blue (83%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8774, 0.3012, 0.3123 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 56.8774, 0.3012, 0.3123 by changing the saturation by 10% instead.

■ 56.8774, 0.3012,
0.3123

■ 56.8774, 0.3012,
0.3123

412.9898, 0.3068,
0.3203

■ 40.9068, 0.2999,
0.3104

100.2863, 0.3032,
0.3151

■ 28.2463, 0.2982,
0.3080

128.4934, 0.3039,
0.3162

■ 18.5114, 0.2960,
0.3049

161.5481, 0.3046,
0.3172

■ 11.3178, 0.2930,
0.3007

199.8348, 0.3051,
0.3180

■ 6.2810, 0.2887,
0.2947

243.7379, 0.3056,
0.3187

■ 3.0167, 0.2821,
0.2856

293.6419, 0.3061,

■ 1.1404, 0.2707,

0.3193

0.2699

349.9310, 0.3064,
0.3198

0.0122, 0.1031,
0.0207

0.0000, 0.0000,
0.0000

56.8774, 0.3012,
0.3123

56.8774, 0.3012,
0.3123

46.2303, 0.2844,
0.2876

68.9799, 0.3163,
0.3341

36.9767, 0.2660,
0.2599

82.5825, 0.3296,
0.3531

29.0610, 0.2463,
0.2298

96.8412, 0.3383,
0.3700

22.4207, 0.2260,
0.1979

97.5348, 0.3381,
0.3710

■ 16.9888, 0.2060,
0.1656

■ 12.6918, 0.1876,
0.1348

■ 9.4480, 0.1721,
0.1075

■ 7.1647, 0.1606,
0.0857

■ 5.7280, 0.1535,
0.0708

Harmonies

Analogous

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



56.8774, 0.2952, 0.3148



56.8774, 0.3012, 0.3123



56.8774, 0.3103, 0.3141

Triad

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



56.8774, 0.3012, 0.3123



56.8774, 0.3319, 0.3363



56.8774, 0.3051, 0.3385

Complementary

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



56.8774, 0.3012, 0.3123



64.1302, 0.3240, 0.3452

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.



56.8774, 0.3149, 0.3445



56.8774, 0.3012, 0.3123



56.8774, 0.3305, 0.3430

Square

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



56.8774, 0.3012, 0.3123



56.8774, 0.3282, 0.3278



56.8774, 0.3242, 0.3461



56.8774, 0.2975, 0.3299

Rectangle

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



56.8774, 0.3012, 0.3123



56.8774, 0.3170, 0.3175



56.8774, 0.3242, 0.3461



56.8774, 0.3083, 0.3409

Sweetspot

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



56.8798, 0.3012, 0.3123



96.2179, 0.3097, 0.3247



63.4914, 0.3025, 0.3315



20.6342, 0.3099, 0.3249



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.



56.8798, 0.3012, 0.3123



83.6992, 0.2987, 0.3086



56.8045, 0.3057, 0.3102



12.2479, 0.2981, 0.3078



3.4577, 0.1526, 0.0695



0.2907, 0.1591, 0.0926

Inverse Universe

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



57.5829, 0.3241, 0.3268



84.9893, 0.3267, 0.3263



64.2344, 0.3194, 0.3476



12.4450, 0.3272, 0.3262



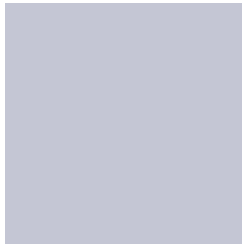
8.6939, 0.6241, 0.3212



0.5327, 0.5871, 0.3008

Previews

White Background



This preview shows how the Yxy color 56.8774, 0.3012, 0.3123 looks on a white background.

Color Contrast Check

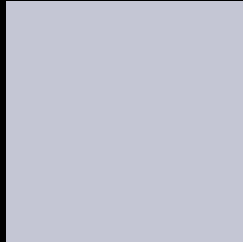
Large Text (above 18pt) WCAG AA × Fail

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 56.8774, 0.3012, 0.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

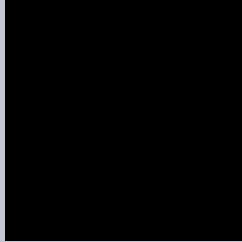
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

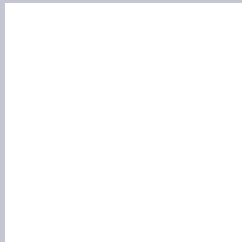
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8774, 0.3012, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 56.8774, 0.3012, 0.3123.

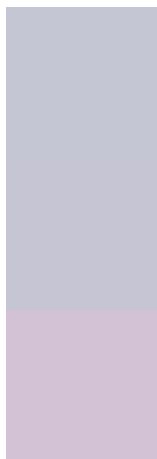


This preview shows how white text looks on a background with the Yxy color 56.8774, 0.3012, 0.3123.

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

56.8774, 0.3012, 0.3123

Protanopia

56.6917, 0.3027, 0.3112

Deuteranopia

56.7929, 0.3122, 0.3060



Tritanopia

56.9280, 0.3005, 0.3112

Trichromacy



Original Color

56.8774, 0.3012, 0.3123

Protanomaly

56.5563, 0.3019, 0.3112

Deuteranomaly

56.9561, 0.3082, 0.3081

Tritanomaly

56.9280, 0.3005, 0.3112

Monochromacy



Original Color

56.8774, 0.3012, 0.3123

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.2122, 0.3083, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8774, 0.3012, 0.3123 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(196, 198, 212)` looks like.

```
.text, #text, p{  
    color:rgb(196, 198, 212)  
}
```

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(196, 198, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 198, 212) }
```

Border

The CSS property to change the border of an element to Yxy 56.8774, 0.3012, 0.3123 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(196, 198, 212) }
```

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

```
.border{ border-color:rgb(196, 198, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 198, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 198, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 198, 212);  
box-shadow:4px 4px 4px 4px rgb(196, 198,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8774, 0.3012, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 198, 212) }
```

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

```
.background{ background-color: rgb(196,  
198, 212) }
```

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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