

Converting Colors

Yxy(57.8061, 0.3079, 0.3120)

Have a look what the booklet for
Yxy(57.8061, 0.3079, 0.3120)
contains.

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Color

Yxy(57.6651, 0.3081, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	CDC5D4
RGB	205, 197, 212
RGB Percent	80%, 77%, 83%
CMY	0.1959, 0.2275, 0.1686
CMYK	0.03, 0.07, 0.00, 0.17
HSL	272°, 15%, 80%
HSV	272°, 7%, 83%
XYZ	57.0357, 57.6651, 70.4199
YIQ	201.1020, -0.0470, 6.3610

Conversions

Conversions Part 2

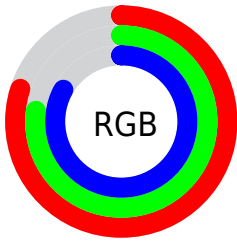
Format	Color
R_{YB}	205, 197, 212
Decimal	13485524
CIE _{Lab}	80.55, 5.56, -6.49
CIE _{LCh}	81, 8.546, 310.598
Yxy	57.6651, 0.3081, 0.3115
Android (android.graphics.Color)	4291675604 (0xFFCDC5D4)
YUV	201.1020, 5.3727, 3.4185
Hunter-Lab	75.9375, 1.1783, -1.8257

Details

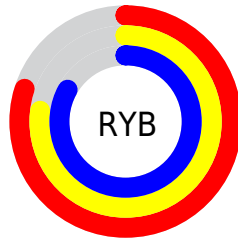
The Yxy color **57.6651, 0.3081, 0.3115** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.9573, 0.3171, 0.3466**, and the grayscale version is **58.4459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **28.6586, 0.3075, 0.3073** is the 20% darker color. If you saturate the color by 10%, you get **47.3508, 0.3006, 0.2851**, and if you desaturate by 10%, it is **69.4265, 0.3145, 0.3359**.

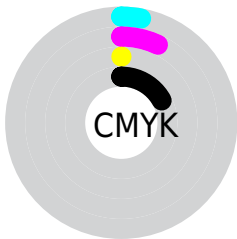
Distribution



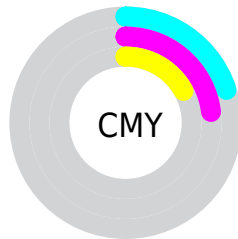
- Red (80%)
- Green (77%)
- Blue (83%)



- Red (80%)
- Yellow (77%)
- Blue (83%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6651, 0.3081, 0.3115 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 57.6651, 0.3081, 0.3115 by changing the saturation by 10% instead.

■ 57.6651, 0.3081,
0.3115

■ 57.6651, 0.3081,
0.3115

415.9369, 0.3104,
0.3199

■ 41.5395, 0.3075,
0.3095

101.4350, 0.3089,
0.3145

■ 28.7409, 0.3068,
0.3071

129.8481, 0.3092,
0.3156

■ 18.8849, 0.3059,
0.3039

163.1257, 0.3095,
0.3166

■ 11.5871, 0.3047,
0.2996

201.6524, 0.3097,
0.3174

■ 6.4632, 0.3029,
0.2936

245.8124, 0.3099,
0.3181

■ 3.1287, 0.3000,
0.2844

295.9903, 0.3101,

■ 1.1993, 0.2949,

0.3188

0.2691

352.5703, 0.3102,
0.3193

0.0611, 0.2501,
0.0789

0.0000, 0.0000,
0.0000

57.6651, 0.3081,
0.3115

57.6651, 0.3081,
0.3115

47.3508, 0.3006,
0.2851

69.4265, 0.3145,
0.3359

38.4183, 0.2919,
0.2570

82.6820, 0.3198,
0.3581

30.8084, 0.2820,
0.2279

93.8632, 0.3248,
0.3729

24.4544, 0.2710,
0.1987

95.5813, 0.3312,
0.3720

■ 19.2838, 0.2592,
0.1706

■ 97.3936, 0.3377,
0.3711

■ 15.2163, 0.2468,
0.1449

■ 97.5342, 0.3382,
0.3711

■ 12.1614, 0.2344,
0.1232

■ 10.0133, 0.2225,
0.1064

■ 8.6320, 0.2116,
0.0951

Harmonies

Analogous

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



57.6651, 0.2982, 0.3102



57.6651, 0.3081, 0.3115



57.6651, 0.3194, 0.3172

Triad

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



57.6651, 0.3081, 0.3115



57.6651, 0.3336, 0.3438



57.6651, 0.2966, 0.3318

Complementary

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



57.6651, 0.3081, 0.3115



63.9573, 0.3171, 0.3466

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.



57.6651, 0.3059, 0.3413



57.6651, 0.3081, 0.3115



57.6651, 0.3272, 0.3482

Square

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



57.6651, 0.3081, 0.3115



57.6651, 0.3342, 0.3357



57.6651, 0.3171, 0.3473



57.6651, 0.2917, 0.3217

Rectangle

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



57.6651, 0.3081, 0.3115



57.6651, 0.3262, 0.3229



57.6651, 0.3171, 0.3473



57.6651, 0.2993, 0.3352

Sweetspot

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



57.6676, 0.3081, 0.3115



96.3427, 0.3115, 0.3241



59.8100, 0.3019, 0.3195



20.6596, 0.3115, 0.3244



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.



57.6676, 0.3081, 0.3115



84.2562, 0.3067, 0.3064



58.6567, 0.3139, 0.3124



12.3330, 0.3065, 0.3055



5.1855, 0.2100, 0.0931



0.3618, 0.2282, 0.1031

Inverse Universe

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



58.2858, 0.3195, 0.3210



85.4547, 0.3216, 0.3186



63.0168, 0.3115, 0.3462



12.5158, 0.3219, 0.3182



9.2103, 0.5098, 0.2582



0.5722, 0.4687, 0.2356

Previews

White Background



This preview shows how the Yxy color 57.6651, 0.3081, 0.3115 looks on a white background.

Color Contrast Check

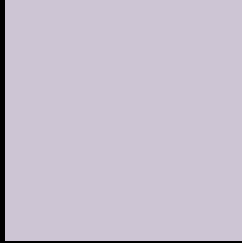
Large Text (above 18pt) WCAG AA × Fail

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 57.6651, 0.3081, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

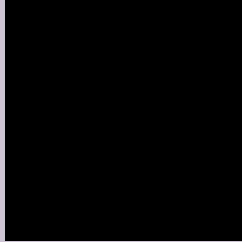
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

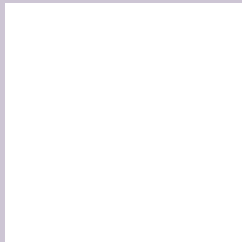
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6651, 0.3081, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 57.6651, 0.3081, 0.3115.

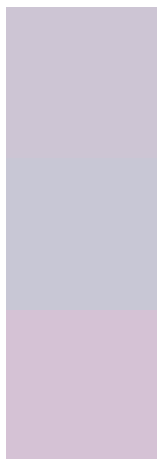


This preview shows how white text looks on a background with the Yxy color 57.6651, 0.3081, 0.3115.

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

57.6651, 0.3081, 0.3115

Protanopia

57.9303, 0.3035, 0.3125

Deuteranopia

57.5338, 0.3137, 0.3073



Tritanopia

57.6651, 0.3081, 0.3115

Trichromacy



Original Color

57.6651, 0.3081, 0.3115

Protanomaly

57.7488, 0.3050, 0.3114

Deuteranomaly

57.5359, 0.3113, 0.3083

Tritanomaly

57.6651, 0.3081, 0.3115

Monochromacy



Original Color

57.6651, 0.3081, 0.3115

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.2729, 0.3107, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6651, 0.3081, 0.3115 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(205, 197, 212)` looks like.

```
.text, #text, p{  
    color:rgb(205, 197, 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(205, 197, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 197, 212) }
```

Border

The CSS property to change the border of an element to Yxy 57.6651, 0.3081, 0.3115 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(205, 197, 212) }
```

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

```
.border{ border-color:rgb(205, 197, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 197, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 197, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 197, 212);  
box-shadow:4px 4px 4px 4px rgb(205, 197,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6651, 0.3081, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 197, 212) }
```

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

```
.background{ background-color: rgb(205,  
197, 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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