

Converting Colors

Yxy(57.8412, 0.3080, 0.3157)

Have a look what the booklet for
Yxy(57.8412, 0.3080, 0.3157)
contains.

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Color

Yxy(57.7378, 0.3079, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	CBC6D2
RGB	203, 198, 210
RGB Percent	80%, 78%, 82%
CMY	0.2040, 0.2235, 0.1764
CMYK	0.03, 0.06, 0.00, 0.18
HSL	265°, 12%, 80%
HSV	265°, 6%, 82%
XYZ	56.4543, 57.7378, 69.1607
YIQ	200.8630, -0.8720, 4.7920

Conversions

Conversions Part 2

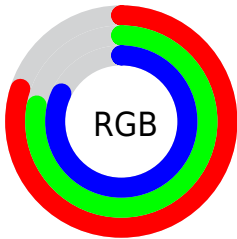
Format	Color
R_{YB}	203, 198, 210
Decimal	13354706
CIE Lab	80.59, 3.95, -5.38
CIE LCh	81, 6.675, 306.267
Yxy	57.7378, 0.3079, 0.3149
Android (android.graphics.Color)	4291544786 (0xFFCBC6D2)
YUV	200.8630, 4.5045, 1.8741
Hunter-Lab	75.9854, -0.3556, -0.7750

Details

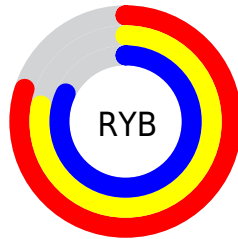
The Yxy color **57.7378, 0.3079, 0.3149** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1729, 0.3173, 0.3430**, and the grayscale version is **58.2921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.7364, 0.3063, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **47.1341, 0.2984, 0.2884**, and if you desaturate by 10%, it is **69.8152, 0.3160, 0.3390**.

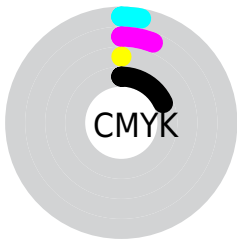
Distribution



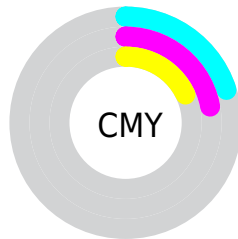
- Red (80%)
- Green (78%)
- Blue (82%)



- Red (80%)
- Yellow (78%)
- Blue (82%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7378, 0.3079, 0.3149 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 57.7378, 0.3079, 0.3149 by changing the saturation by 10% instead.

■ 57.7378, 0.3079,
0.3149

■ 57.7378, 0.3079,
0.3149

416.2082, 0.3102,
0.3217

■ 41.5979, 0.3073,
0.3133

101.5409, 0.3087,
0.3173

■ 28.7866, 0.3066,
0.3113

129.9730, 0.3091,
0.3182

■ 18.9194, 0.3057,
0.3087

163.2711, 0.3093,
0.3190

■ 11.6121, 0.3044,
0.3052

201.8199, 0.3096,
0.3197

■ 6.4801, 0.3026,
0.3003

246.0035, 0.3098,
0.3203

■ 3.1392, 0.2997,
0.2928

296.2066, 0.3099,

■ 1.2048, 0.2946,

0.3208

0.2800

352.8133, 0.3101,
0.3212

0.0656, 0.2362,
0.0976

0.0000, 0.0000,
0.0000

57.7378, 0.3079,
0.3149

57.7378, 0.3079,
0.3149

47.1341, 0.2984,
0.2884

69.8152, 0.3160,
0.3390

37.9389, 0.2874,
0.2598

83.4132, 0.3229,
0.3607

30.0934, 0.2750,
0.2297

94.6867, 0.3294,
0.3744

23.5313, 0.2613,
0.1988

96.9147, 0.3375,
0.3733

■ 18.1808, 0.2466,
0.1685

■ 97.4346, 0.3393,
0.3730

■ 13.9626, 0.2315,
0.1404

■ 10.7879, 0.2166,
0.1161

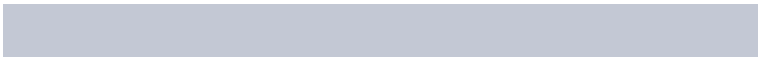
■ 8.5534, 0.2027,
0.0971

■ 7.1328, 0.1906,
0.0841

Harmonies

Analogous

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



57.7378, 0.3005, 0.3145



57.7378, 0.3079, 0.3149



57.7378, 0.3167, 0.3189

Triad

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



57.7378, 0.3079, 0.3149



57.7378, 0.3293, 0.3399



57.7378, 0.3010, 0.3323

Complementary

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



57.7378, 0.3079, 0.3149



63.1729, 0.3173, 0.3430

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.



57.7378, 0.3086, 0.3394



57.7378, 0.3079, 0.3149



57.7378, 0.3250, 0.3437

Square

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



57.7378, 0.3079, 0.3149



57.7378, 0.3292, 0.3332



57.7378, 0.3174, 0.3436



57.7378, 0.2966, 0.3244

Rectangle

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



57.7378, 0.3079, 0.3149



57.7378, 0.3222, 0.3232



57.7378, 0.3174, 0.3436



57.7378, 0.3033, 0.3349

Sweetspot

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



57.7403, 0.3079, 0.3149



96.2264, 0.3111, 0.3241



60.4300, 0.3040, 0.3233



20.6359, 0.3111, 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.



57.7403, 0.3079, 0.3149



87.2041, 0.3067, 0.3115



58.5766, 0.3124, 0.3151



12.0996, 0.3063, 0.3103



4.1265, 0.1874, 0.0806



0.2768, 0.2084, 0.0922

Inverse Universe

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



58.5083, 0.3170, 0.3208



88.6688, 0.3181, 0.3189



62.3566, 0.3129, 0.3432



12.3172, 0.3185, 0.3182



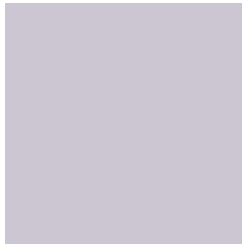
9.2525, 0.4585, 0.2299



0.5329, 0.4265, 0.2123

Previews

White Background



This preview shows how the Yxy color 57.7378, 0.3079, 0.3149 looks on a white background.

Color Contrast Check

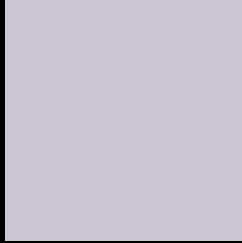
Large Text (above 18pt) WCAG AA × Fail

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 57.7378, 0.3079, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

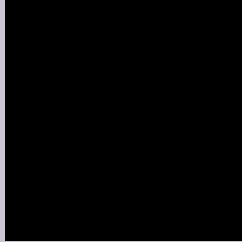
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

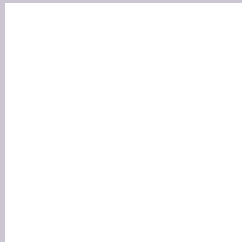
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7378, 0.3079, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 57.7378, 0.3079, 0.3149.

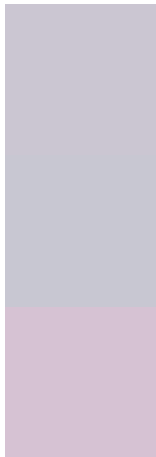


This preview shows how white text looks on a background with the Yxy color 57.7378, 0.3079, 0.3149.

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

57.7378, 0.3079, 0.3149

Protanopia

57.7794, 0.3056, 0.3160

Deuteranopia

57.5829, 0.3160, 0.3096



Tritanopia

57.8888, 0.3058, 0.3115

Trichromacy



Original Color

57.7378, 0.3079, 0.3149

Protanomaly

57.9175, 0.3064, 0.3161

Deuteranomaly

57.4350, 0.3128, 0.3105

Tritanomaly

57.8381, 0.3065, 0.3126

Monochromacy



Original Color

57.7378, 0.3079, 0.3149

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.2247, 0.3114, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7378, 0.3079, 0.3149 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(203, 198, 210)` looks like.

```
.text, #text, p{  
    color:rgb(203, 198, 210)  
}
```

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(203, 198, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 198, 210) }
```

Border

The CSS property to change the border of an element to Yxy 57.7378, 0.3079, 0.3149 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(203, 198, 210) }
```

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

```
.border{ border-color:rgb(203, 198, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 198, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 198, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 198, 210);  
box-shadow:4px 4px 4px 4px rgb(203, 198,  
210) }
```


Background

The CSS property to change the background color of an element to $Yxy\ 57.7378, 0.3079, 0.3149$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 198, 210) }
```

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

```
.background{ background-color: rgb(203,  
198, 210) }
```

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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