

Converting Colors

Yxy(57.2323, 0.3039, 0.3126)

Have a look what the booklet for
Yxy(57.2323, 0.3039, 0.3126)
contains.

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Color

Yxy(57.2837, 0.3035, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	C7C6D4
RGB	199, 198, 212
RGB Percent	78%, 78%, 83%
CMY	0.2195, 0.2235, 0.1688
CMYK	0.06, 0.07, 0.00, 0.17
HSL	244°, 14%, 80%
HSV	244°, 7%, 83%
XYZ	55.6339, 57.2837, 70.3902
YIQ	199.8950, -3.8980, 4.5660

Conversions

Conversions Part 2

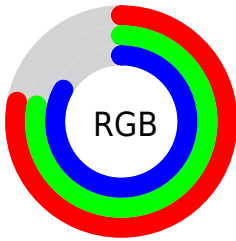
Format	Color
R _Y B	199, 198, 212
Decimal	13092564
CIE Lab	80.34, 3.00, -6.83
CIE LCh	80, 7.461, 293.686
Yxy	57.2837, 0.3035, 0.3125
Android (android.graphics.Color)	4291282644 (0xFFC7C6D4)
YUV	199.8950, 5.9678, -0.7849
Hunter-Lab	75.6860, -1.2419, -2.1613

Details

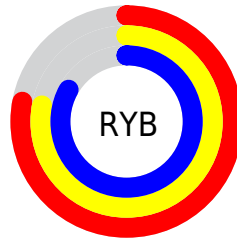
The Yxy color **57.2837, 0.3035, 0.3125** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9873, 0.3216, 0.3451**, and the grayscale version is **57.6582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.4006, 0.3013, 0.3085** is the 20% darker color. If you saturate the color by 10%, you get **45.7503, 0.2879, 0.2848**, and if you desaturate by 10%, it is **70.5243, 0.3172, 0.3370**.

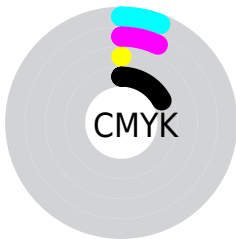
Distribution



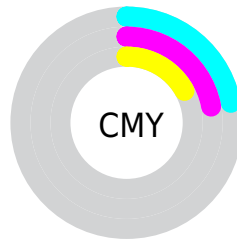
- Red (78%)
- Green (78%)
- Blue (83%)



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



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2837, 0.3035, 0.3125 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 57.2837, 0.3035, 0.3125 by changing the saturation by 10% instead.

■ 57.2837, 0.3035,
0.3125

■ 57.2837, 0.3035,
0.3125

414.5115, 0.3080,
0.3204

■ 41.2331, 0.3024,
0.3106

100.8790, 0.3051,
0.3153

■ 28.5012, 0.3011,
0.3083

129.1925, 0.3057,
0.3164

■ 18.7038, 0.2993,
0.3052

162.3624, 0.3062,
0.3173

■ 11.4565, 0.2969,
0.3011

200.7730, 0.3067,
0.3181

■ 6.3747, 0.2935,
0.2953

244.8089, 0.3071,
0.3188

■ 3.0743, 0.2882,
0.2864

294.8543, 0.3074,

■ 1.1706, 0.2788,

0.3194

0.2713

351.2937, 0.3077,
0.3199

0.0375, 0.1637,
0.0564

0.0000, 0.0000,
0.0000

57.2837, 0.3035,
0.3125

57.2837, 0.3035,
0.3125

45.7503, 0.2879,
0.2848

70.5243, 0.3172,
0.3370

35.8475, 0.2703,
0.2539

85.5299, 0.3289,
0.3583

27.5041, 0.2510,
0.2205

97.5319, 0.3382,
0.3711

20.6404, 0.2305,
0.1857

■ 15.1698, 0.2100,
0.1512

■ 10.9968, 0.1906,
0.1195

■ 8.0137, 0.1740,
0.0932

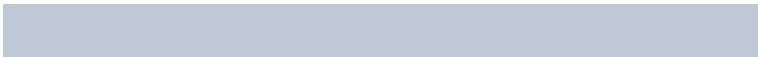
■ 6.0954, 0.1615,
0.0742

■ 5.0839, 0.1538,
0.0636

Harmonies

Analogous

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



57.2837, 0.2966, 0.3139



57.2837, 0.3035, 0.3125



57.2837, 0.3130, 0.3154

Triad

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



57.2837, 0.3035, 0.3125



57.2837, 0.3319, 0.3383



57.2837, 0.3029, 0.3363

Complementary

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



57.2837, 0.3035, 0.3125



64.9873, 0.3216, 0.3451

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.



57.2837, 0.3122, 0.3432



57.2837, 0.3035, 0.3125



57.2837, 0.3291, 0.3442

Square

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



57.2837, 0.3035, 0.3125



57.2837, 0.3295, 0.3301



57.2837, 0.3218, 0.3460



57.2837, 0.2962, 0.3275

Rectangle

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



57.2837, 0.3035, 0.3125



57.2837, 0.3195, 0.3194



57.2837, 0.3218, 0.3460



57.2837, 0.3058, 0.3390

Sweetspot

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



57.2861, 0.3035, 0.3125



95.9045, 0.3100, 0.3241



63.3644, 0.3026, 0.3279



20.5704, 0.3101, 0.3243



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.



57.2861, 0.3035, 0.3125



84.2599, 0.3013, 0.3086



58.2490, 0.3088, 0.3128



12.0522, 0.2993, 0.3050



3.0176, 0.1525, 0.0614



0.1977, 0.1602, 0.0656

Inverse Universe

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



59.0797, 0.3142, 0.3142



87.5709, 0.3146, 0.3108



63.9931, 0.3164, 0.3453



12.6161, 0.3149, 0.3077



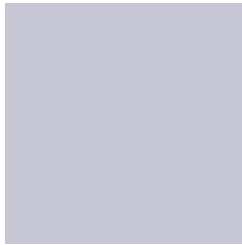
11.1162, 0.3403, 0.1648



0.6753, 0.3366, 0.1628

Previews

White Background



This preview shows how the Yxy color 57.2837, 0.3035, 0.3125 looks on a white background.

Color Contrast Check

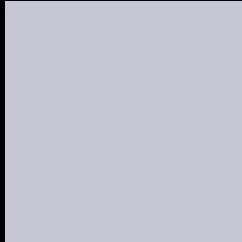
Large Text (above 18pt) WCAG AA × Fail

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 57.2837, 0.3035, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

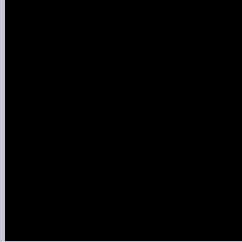
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

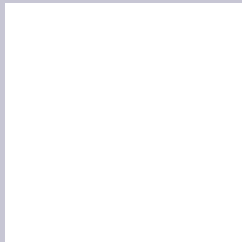
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2837, 0.3035, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 57.2837, 0.3035, 0.3125.

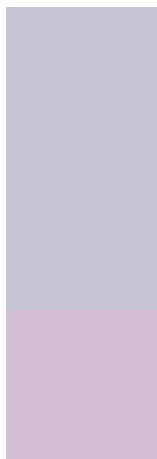


This preview shows how white text looks on a background with the Yxy color 57.2837, 0.3035, 0.3125.

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

57.2837, 0.3035, 0.3125

Protanopia

57.2837, 0.3035, 0.3125

Deuteranopia

56.9411, 0.3130, 0.3061



Tritanopia

57.3344, 0.3027, 0.3113

Trichromacy



Original Color

57.2837, 0.3035, 0.3125

Protanomaly

57.2837, 0.3035, 0.3125

Deuteranomaly

57.0997, 0.3090, 0.3081

Tritanomaly

57.3344, 0.3027, 0.3113

Monochromacy



Original Color

57.2837, 0.3035, 0.3125

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.4858, 0.3099, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2837, 0.3035, 0.3125 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 198, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 198, 212) }
```

Border

The CSS property to change the border of an element to Yxy 57.2837, 0.3035, 0.3125 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, 212) }
```

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

```
.border{ border-color:rgb(199, 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(199, 198, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 198, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 198, 212);  
box-shadow:4px 4px 4px 4px rgb(199, 198,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2837, 0.3035, 0.3125 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, 212) }
```

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

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