

Converting Colors

Yxy(57.9141, 0.3027, 0.3126)

Have a look what the booklet for
Yxy(57.9141, 0.3027, 0.3126)
contains.

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Color

Yxy(57.7931, 0.3027, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	C7C7D5
RGB	199, 199, 213
RGB Percent	78%, 78%, 84%
CMY	0.2198, 0.2196, 0.1646
CMYK	0.07, 0.07, 0.00, 0.16
HSL	240°, 14%, 81%
HSV	240°, 7%, 84%
XYZ	55.9807, 57.7931, 71.1641
YIQ	200.5960, -4.4940, 4.3540

Conversions

Conversions Part 2

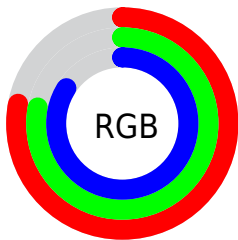
Format	Color
R_{YB}	199, 199, 213
Decimal	13092821
CIE _{Lab}	80.62, 2.64, -6.97
CIE _{LCh}	81, 7.455, 290.716
Yxy	57.7931, 0.3027, 0.3125
Android (android.graphics.Color)	4291282901 (0xFFC7C7D5)
YUV	200.5960, 6.1152, -1.3997
Hunter-Lab	76.0218, -1.5948, -2.2862

Details

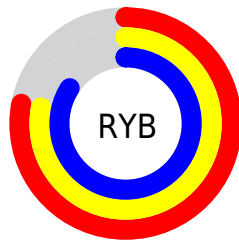
The Yxy color **57.7931, 0.3027, 0.3125** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8402, 0.3224, 0.3450**, and the grayscale version is **58.1080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.7392, 0.3004, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **45.9874, 0.2858, 0.2846**, and if you desaturate by 10%, it is **71.3737, 0.3175, 0.3369**.

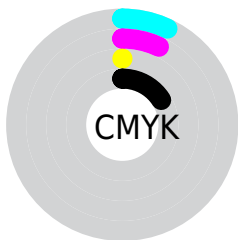
Distribution



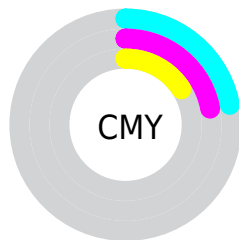
- Red (78%)
- Green (78%)
- Blue (84%)



- Red (78%)
- Yellow (78%)
- Blue (84%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7931, 0.3027, 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 57.7931, 0.3027, 0.3125 by changing the saturation by 10% instead.

■ 57.7931, 0.3027,
0.3125

■ 57.7931, 0.3027,
0.3125

416.4145, 0.3075,
0.3204

■ 41.6423, 0.3015,
0.3106

101.6215, 0.3044,
0.3153

■ 28.8213, 0.3001,
0.3083

130.0679, 0.3051,
0.3164

■ 18.9457, 0.2982,
0.3052

163.3817, 0.3056,
0.3173

■ 11.6311, 0.2956,
0.3011

201.9472, 0.3061,
0.3181

■ 6.4930, 0.2919,
0.2953

246.1489, 0.3065,
0.3188

■ 3.1471, 0.2862,
0.2866

296.3710, 0.3069,

■ 1.2090, 0.2764,

0.3194

0.2716

352.9981, 0.3072,
0.3199

0.0690, 0.1707,
0.0906

0.0000, 0.0000,
0.0000

57.7931, 0.3027,
0.3125

57.7931, 0.3027,
0.3125

45.9874, 0.2858,
0.2846

71.3737, 0.3175,
0.3369

35.8762, 0.2669,
0.2535

86.7905, 0.3304,
0.3581

27.3842, 0.2463,
0.2195

97.5848, 0.3375,
0.3701

20.4273, 0.2248,
0.1841

■ 14.9138, 0.2037,
0.1491

■ 10.7424, 0.1843,
0.1170

■ 7.7987, 0.1684,
0.0907

■ 5.9492, 0.1573,
0.0723

■ 5.0252, 0.1514,
0.0624

Harmonies

Analogous

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



57.7931, 0.2961, 0.3143



57.7931, 0.3027, 0.3125



57.7931, 0.3120, 0.3150

Triad

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



57.7931, 0.3027, 0.3125



57.7931, 0.3318, 0.3375



57.7931, 0.3037, 0.3371

Complementary

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



57.7931, 0.3027, 0.3125



65.8402, 0.3224, 0.3450

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.



57.7931, 0.3132, 0.3436



57.7931, 0.3027, 0.3125



57.7931, 0.3295, 0.3437

Square

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



57.7931, 0.3027, 0.3125



57.7931, 0.3290, 0.3293



57.7931, 0.3226, 0.3460



57.7931, 0.2967, 0.3284

Rectangle

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



57.7931, 0.3027, 0.3125



57.7931, 0.3186, 0.3187



57.7931, 0.3226, 0.3460



57.7931, 0.3067, 0.3396

Sweetspot

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



57.7955, 0.3027, 0.3125



95.8461, 0.3097, 0.3241



64.5258, 0.3027, 0.3292



20.5585, 0.3099, 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.



57.7955, 0.3027, 0.3125



84.0443, 0.3003, 0.3086



58.7217, 0.3079, 0.3127



12.0159, 0.2981, 0.3050



2.9480, 0.1501, 0.0603



0.1804, 0.1503, 0.0610

Inverse Universe

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



59.1026, 0.3238, 0.3290



86.4272, 0.3265, 0.3290



64.8713, 0.3173, 0.3453



12.4215, 0.3291, 0.3290



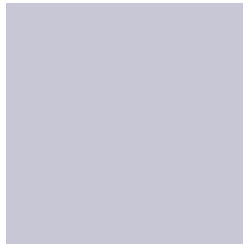
8.6424, 0.6397, 0.3297



0.5215, 0.6383, 0.3290

Previews

White Background



This preview shows how the Yxy color 57.7931, 0.3027, 0.3125 looks on a white background.

Color Contrast Check

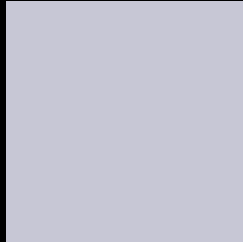
Large Text (above 18pt) WCAG AA × Fail

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 57.7931, 0.3027, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

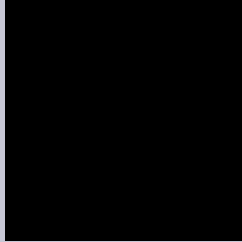
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

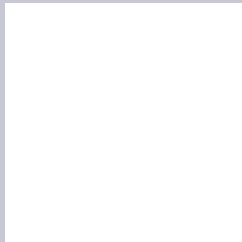
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7931, 0.3027, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 57.7931, 0.3027, 0.3125.

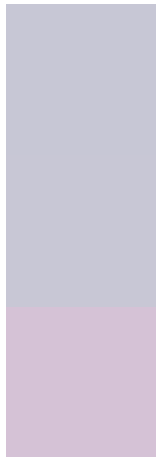


This preview shows how white text looks on a background with the Yxy color 57.7931, 0.3027, 0.3125.

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

57.7931, 0.3027, 0.3125

Protanopia

57.9303, 0.3035, 0.3125

Deuteranopia

57.5847, 0.3130, 0.3062



Tritanopia

57.8440, 0.3020, 0.3114

Trichromacy



Original Color

57.7931, 0.3027, 0.3125

Protanomaly

57.9303, 0.3035, 0.3125

Deuteranomaly

57.7448, 0.3090, 0.3082

Tritanomaly

57.8440, 0.3020, 0.3114

Monochromacy



Original Color

57.7931, 0.3027, 0.3125

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.9957, 0.3091, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7931, 0.3027, 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, 199, 213)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 213)  
}
```

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, 199, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 213) }
```

Border

The CSS property to change the border of an element to Yxy 57.7931, 0.3027, 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, 199, 213) }
```

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

```
.border{ border-color:rgb(199, 199, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 213);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7931, 0.3027, 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, 199, 213) }
```

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

```
.background{ background-color: rgb(199,  
199, 213) }
```

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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