

Converting Colors

Yxy(57.9030, 0.3122, 0.3231)

Have a look what the booklet for
Yxy(57.9030, 0.3122, 0.3231)
contains.

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Color

Yxy(57.9030, 0.3122, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	CBC7CC
RGB	203, 199, 204
RGB Percent	80%, 78%, 80%
CMY	0.2040, 0.2196, 0.2000
CMYK	0.00, 0.02, 0.00, 0.20
HSL	288°, 5%, 79%
HSV	288°, 2%, 80%
XYZ	55.9496, 57.9030, 65.3582
YIQ	200.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

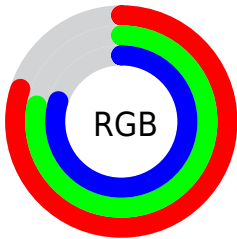
Format	Color
R _Y B	203, 199, 204
Decimal	13354956
CIE Lab	80.68, 2.30, -2.01
CIE LCh	81, 3.053, 318.755
Yxy	57.9030, 0.3122, 0.3231
Android (android.graphics.Color)	4291545036 (0xFFCBC7CC)
YUV	200.7660, 1.5944, 1.9592
Hunter-Lab	76.0940, -1.9190, 2.3408

Details

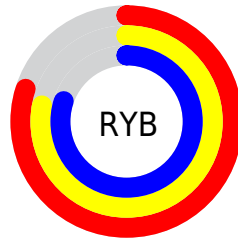
The Yxy color **57.9030, 0.3122, 0.3231** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5959, 0.3132, 0.3349**, and the grayscale version is **58.2466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.8424, 0.3120, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **48.5634, 0.3098, 0.2982**, and if you desaturate by 10%, it is **68.5217, 0.3141, 0.3466**.

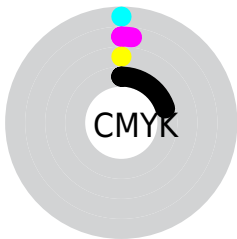
Distribution



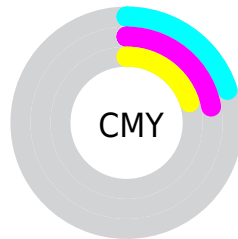
- Red (80%)
- Green (78%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9030, 0.3122, 0.3231 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 57.9030, 0.3122, 0.3231 by changing the saturation by 10% instead.

■ 57.9030, 0.3122,
0.3231

■ 57.9030, 0.3122,
0.3231

416.8244, 0.3125,
0.3259

■ 41.7307, 0.3121,
0.3224

101.7816, 0.3123,
0.3241

■ 28.8905, 0.3121,
0.3216

130.2566, 0.3123,
0.3245

■ 18.9980, 0.3120,
0.3205

163.6014, 0.3124,
0.3248

■ 11.6688, 0.3118,
0.3190

202.2002, 0.3124,
0.3251

■ 6.5186, 0.3116,
0.3169

246.4376, 0.3124,
0.3254

■ 3.1629, 0.3113,
0.3136

296.6978, 0.3124,

■ 1.2174, 0.3106,

0.3256

0.3080

353.3652, 0.3124,
0.3258

0.0758, 0.2999,
0.1775

0.0000, 0.0000,
0.0000

57.9030, 0.3122,
0.3231

57.9030, 0.3122,
0.3231

48.5634, 0.3098,
0.2982

68.5217, 0.3141,
0.3466

40.4456, 0.3069,
0.2722

80.4590, 0.3157,
0.3683

33.4989, 0.3034,
0.2459

90.3929, 0.3172,
0.3833

27.6663, 0.2993,
0.2199

91.0305, 0.3198,
0.3828

■ 22.8859, 0.2947,
0.1954

■ 91.6842, 0.3225,
0.3824

■ 19.0897, 0.2897,
0.1733

■ 92.3540, 0.3251,
0.3820

■ 16.2017, 0.2844,
0.1548

■ 93.0401, 0.3278,
0.3815

■ 14.1345, 0.2790,
0.1405

■ 93.7425, 0.3305,
0.3811

■ 12.7835, 0.2736,
0.1308

■ 94.4615, 0.3333,
0.3806

Harmonies

Analogous

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



57.9030, 0.3084, 0.3222



57.9030, 0.3122, 0.3231



57.9030, 0.3162, 0.3256

Triad

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



57.9030, 0.3122, 0.3231



57.9030, 0.3197, 0.3349



57.9030, 0.3063, 0.3291

Complementary

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



57.9030, 0.3122, 0.3231



59.5959, 0.3132, 0.3349

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.



57.9030, 0.3093, 0.3325



57.9030, 0.3122, 0.3231



57.9030, 0.3170, 0.3359

Square

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



57.9030, 0.3122, 0.3231



57.9030, 0.3205, 0.3324



57.9030, 0.3132, 0.3350



57.9030, 0.3050, 0.3256

Rectangle

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



57.9030, 0.3122, 0.3231



57.9030, 0.3183, 0.3278



57.9030, 0.3132, 0.3350



57.9030, 0.3071, 0.3303

Sweetspot

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



57.9055, 0.3122, 0.3231



98.2856, 0.3125, 0.3266



57.8537, 0.3091, 0.3243



21.0552, 0.3125, 0.3267



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.



57.9055, 0.3122, 0.3231



94.9220, 0.3121, 0.3217



57.9810, 0.3140, 0.3248



12.4563, 0.3119, 0.3199



7.6536, 0.2703, 0.1263



0.4248, 0.2807, 0.1320

Inverse Universe

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



57.8599, 0.3159, 0.3278



94.8294, 0.3167, 0.3275



59.5224, 0.3114, 0.3333



12.4413, 0.3177, 0.3272



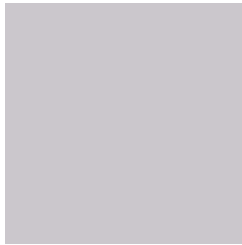
8.1938, 0.6049, 0.3106



0.4339, 0.5501, 0.2804

Previews

White Background



This preview shows how the Yxy color 57.9030, 0.3122, 0.3231 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 57.9030, 0.3122, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

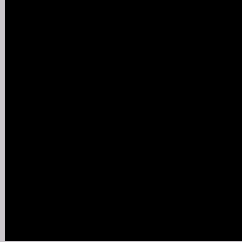
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

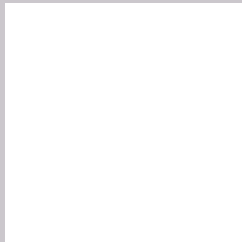
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9030, 0.3122, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 57.9030, 0.3122, 0.3231.

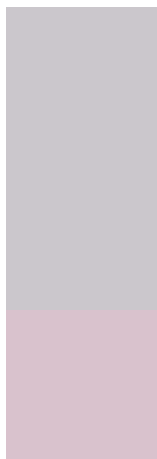


This preview shows how white text looks on a background with the Yxy color 57.9030, 0.3122, 0.3231.

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

57.9030, 0.3122, 0.3231

Protanopia

57.9030, 0.3122, 0.3231

Deuteranopia

57.7431, 0.3229, 0.3165



Tritanopia

58.0296, 0.3066, 0.3115

Trichromacy



Original Color

57.9030, 0.3122, 0.3231

Protanomaly

57.9030, 0.3122, 0.3231

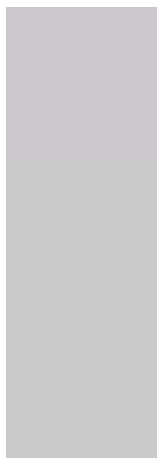
Deuteranomaly

57.8847, 0.3188, 0.3186

Tritanomaly

57.8787, 0.3087, 0.3150

Monochromacy



Original Color

57.9030, 0.3122, 0.3231

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.1294, 0.3128, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9030, 0.3122, 0.3231 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, 199, 204)` looks like.

```
.text, #text, p{  
    color:rgb(203, 199, 204)  
}
```

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, 199, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 199, 204) }
```

Border

The CSS property to change the border of an element to Yxy 57.9030, 0.3122, 0.3231 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, 199, 204) }
```

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

```
.border{ border-color:rgb(203, 199, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 199, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 199, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 199, 204);  
box-shadow:4px 4px 4px 4px rgb(203, 199,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9030, 0.3122, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 199, 204) }
```

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

```
.background{ background-color: rgb(203,  
199, 204) }
```

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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