

Converting Colors

Yxy(58.0668, 0.3022, 0.3111)

Have a look what the booklet for
Yxy(58.0668, 0.3022, 0.3111)
contains.

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Color

Yxy(57.9812, 0.3028, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	C8C7D6
RGB	200, 199, 214
RGB Percent	78%, 78%, 84%
CMY	0.2157, 0.2196, 0.1608
CMYK	0.07, 0.07, 0.00, 0.16
HSL	244°, 15%, 81%
HSV	244°, 7%, 84%
XYZ	56.3799, 57.9812, 71.8341
YIQ	201.0090, -4.2190, 4.8770

Conversions

Conversions Part 2

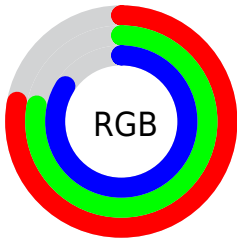
Format	Color
R_{YB}	200, 199, 214
Decimal	13158358
CIE Lab	80.73, 3.18, -7.34
CIE LCh	81, 7.995, 293.435
Yxy	57.9812, 0.3028, 0.3114
Android (android.graphics.Color)	4291348438 (0xFFC8C7D6)
YUV	201.0090, 6.4046, -0.8849
Hunter-Lab	76.1454, -1.0886, -2.6313

Details

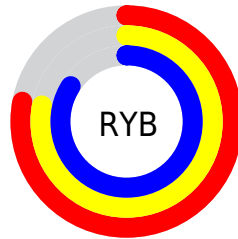
The Yxy color **57.9812, 0.3028, 0.3114** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3602, 0.3223, 0.3461**, and the grayscale version is **58.3773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.8650, 0.3004, 0.3071** is the 20% darker color. If you saturate the color by 10%, you get **46.2453, 0.2869, 0.2835**, and if you desaturate by 10%, it is **71.4661, 0.3167, 0.3360**.

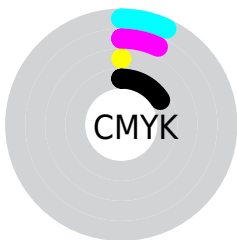
Distribution



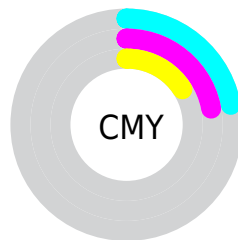
- Red (78%)
- Green (78%)
- Blue (84%)



- 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 57.9812, 0.3028, 0.3114 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 57.9812, 0.3028, 0.3114 by changing the saturation by 10% instead.

■ 57.9812, 0.3028,
0.3114

■ 57.9812, 0.3028,
0.3114

417.1159, 0.3076,
0.3198

■ 41.7935, 0.3016,
0.3094

101.8955, 0.3045,
0.3144

■ 28.9397, 0.3002,
0.3069

130.3909, 0.3052,
0.3155

■ 19.0352, 0.2983,
0.3037

163.7577, 0.3057,
0.3165

■ 11.6957, 0.2958,
0.2993

202.3802, 0.3062,
0.3173

■ 6.5368, 0.2921,
0.2932

246.6429, 0.3066,
0.3181

■ 3.1742, 0.2865,
0.2840

296.9301, 0.3070,

■ 1.2233, 0.2767,

0.3187

0.2683

353.6263, 0.3073,
0.3193

0.0806, 0.1846,
0.0965

0.0000, 0.0000,
0.0000

57.9812, 0.3028,
0.3114

57.9812, 0.3028,
0.3114

46.2453, 0.2869,
0.2835

71.4661, 0.3167,
0.3360

36.1798, 0.2691,
0.2525

86.7597, 0.3286,
0.3575

27.7108, 0.2496,
0.2189

97.6348, 0.3370,
0.3691

20.7562, 0.2290,
0.1839

■ 15.2268, 0.2084,
0.1494

■ 11.0235, 0.1891,
0.1179

■ 8.0349, 0.1727,
0.0918

■ 6.1313, 0.1606,
0.0733

■ 5.1450, 0.1532,
0.0631

Harmonies

Analogous

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



57.9812, 0.2954, 0.3129



57.9812, 0.3028, 0.3114



57.9812, 0.3129, 0.3145

Triad

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



57.9812, 0.3028, 0.3114



57.9812, 0.3332, 0.3388



57.9812, 0.3023, 0.3369

Complementary

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



57.9812, 0.3028, 0.3114



66.3602, 0.3223, 0.3461

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.



57.9812, 0.3123, 0.3442



57.9812, 0.3028, 0.3114



57.9812, 0.3302, 0.3452

Square

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



57.9812, 0.3028, 0.3114



57.9812, 0.3306, 0.3301



57.9812, 0.3225, 0.3472



57.9812, 0.2951, 0.3275

Rectangle

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



57.9812, 0.3028, 0.3114



57.9812, 0.3199, 0.3187



57.9812, 0.3225, 0.3472



57.9812, 0.3054, 0.3397

Sweetspot

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



57.9837, 0.3028, 0.3114



95.8973, 0.3100, 0.3241



64.7098, 0.3019, 0.3281



20.5689, 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.



57.9837, 0.3028, 0.3114



84.2334, 0.3012, 0.3086



59.0054, 0.3083, 0.3117



12.0478, 0.2992, 0.3050



3.0082, 0.1522, 0.0612



0.1956, 0.1592, 0.0651

Inverse Universe

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



59.9486, 0.3142, 0.3131



87.5808, 0.3145, 0.3106



65.3006, 0.3169, 0.3464



12.6178, 0.3148, 0.3075



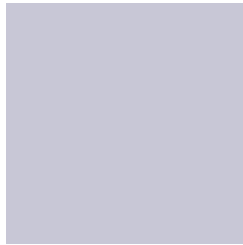
11.1611, 0.3382, 0.1637



0.6776, 0.3349, 0.1619

Previews

White Background



This preview shows how the Yxy color 57.9812, 0.3028, 0.3114 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 57.9812, 0.3028, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

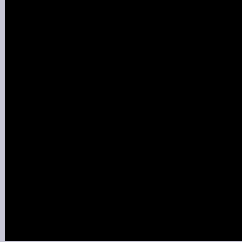
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

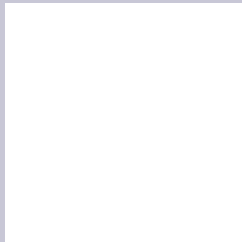
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9812, 0.3028, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 57.9812, 0.3028, 0.3114.

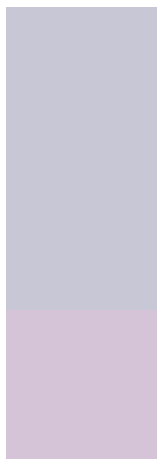


This preview shows how white text looks on a background with the Yxy color 57.9812, 0.3028, 0.3114.

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

57.9812, 0.3028, 0.3114

Protanopia

57.9812, 0.3028, 0.3114

Deuteranopia

58.0826, 0.3122, 0.3062



Tritanopia

58.0325, 0.3021, 0.3102

Trichromacy



Original Color

57.9812, 0.3028, 0.3114

Protanomaly

57.9812, 0.3028, 0.3114

Deuteranomaly

57.7960, 0.3083, 0.3071

Tritanomaly

58.0325, 0.3021, 0.3102

Monochromacy



Original Color

57.9812, 0.3028, 0.3114

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.1823, 0.3092, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9812, 0.3028, 0.3114 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(200, 199, 214)` looks like.

```
.text, #text, p{  
    color:rgb(200, 199, 214)  
}
```

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(200, 199, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 199, 214) }
```

Border

The CSS property to change the border of an element to Yxy 57.9812, 0.3028, 0.3114 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(200, 199, 214) }
```

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

```
.border{ border-color:rgb(200, 199, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 199, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(200, 199,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9812, 0.3028, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 199, 214) }
```

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

```
.background{ background-color: rgb(200,  
199, 214) }
```

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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