

Converting Colors

Yxy(58.0415, 0.3118, 0.3105)

Have a look what the booklet for
Yxy(58.0415, 0.3118, 0.3105)
contains.

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Color

Yxy(57.9350, 0.3120, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	D2C4D4
RGB	210, 196, 212
RGB Percent	82%, 77%, 83%
CMY	0.1766, 0.2313, 0.1687
CMYK	0.01, 0.08, 0.00, 0.17
HSL	292°, 16%, 80%
HSV	292°, 8%, 83%
XYZ	58.1961, 57.9350, 70.3949
YIQ	202.0100, 3.2080, 7.9440

Conversions

Conversions Part 2

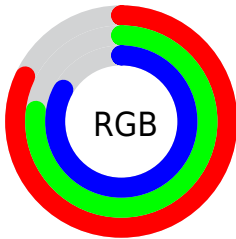
Format	Color
R _Y B	210, 196, 212
Decimal	13812948
CIE Lab	80.70, 7.75, -6.21
CIE LCh	81, 9.934, 321.313
Yxy	57.9350, 0.3120, 0.3106
Android (android.graphics.Color)	4292003028 (0xFFD2C4D4)
YUV	202.0100, 4.9251, 7.0072
Hunter-Lab	76.1150, 3.2764, -1.5538

Details

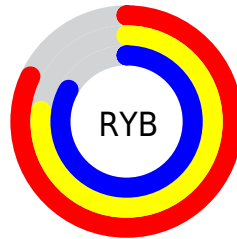
The Yxy color **57.9350, 0.3120, 0.3106** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0769, 0.3133, 0.3479**, and the grayscale version is **59.0361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **28.8482, 0.3127, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **48.6511, 0.3108, 0.2853**, and if you desaturate by 10%, it is **68.5816, 0.3129, 0.3349**.

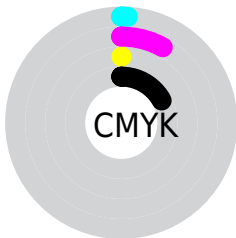
Distribution



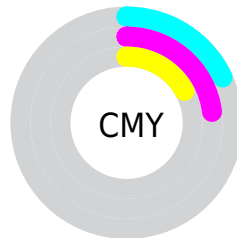
- Red (82%)
- Green (77%)
- Blue (83%)



- Red (82%)
- Yellow (77%)
- Blue (83%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)





- Cyan (18%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9350, 0.3120, 0.3106 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 57.9350, 0.3120, 0.3106 by changing the saturation by 10% instead.


 57.9350, 0.3120,
0.3106

 57.9350, 0.3120,
0.3106


416.9437, 0.3124,
0.3194

 41.7564, 0.3119,
0.3085


 101.8282, 0.3122,
0.3137

 28.9106, 0.3117,
0.3060


130.3116, 0.3122,
0.3149

 19.0132, 0.3115,
0.3026


163.6653, 0.3123,
0.3159

 11.6798, 0.3113,
0.2982

202.2739, 0.3123,
0.3168

 6.5260, 0.3108,
0.2920

246.5216, 0.3123,
0.3175

 3.1675, 0.3100,
0.2826

296.7929, 0.3124,

 1.2198, 0.3084,

0.3182

0.2669

353.4721, 0.3124,
0.3188

0.0778, 0.3061,
0.0905

0.0000, 0.0000,
0.0000

57.9350, 0.3120,
0.3106

57.9350, 0.3120,
0.3106

48.6511, 0.3108,
0.2853

68.5816, 0.3129,
0.3349

40.6661, 0.3092,
0.2595

80.6365, 0.3136,
0.3577

33.9221, 0.3073,
0.2340

91.1755, 0.3143,
0.3743

28.3540, 0.3050,
0.2098

91.5900, 0.3160,
0.3741

■ 23.8906, 0.3024,
0.1878

■ 92.0112, 0.3176,
0.3739

■ 20.4531, 0.2995,
0.1690

■ 92.4390, 0.3193,
0.3736

■ 17.9523, 0.2964,
0.1543

■ 92.8735, 0.3210,
0.3734

■ 16.2835, 0.2931,
0.1440

■ 93.3148, 0.3227,
0.3732

■ 15.3021, 0.2899,
0.1378

■ 93.7629, 0.3244,
0.3729

Harmonies

Analogous

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



57.9350, 0.2996, 0.3071



57.9350, 0.3120, 0.3106



57.9350, 0.3248, 0.3187

Triad

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



57.9350, 0.3120, 0.3106



57.9350, 0.3350, 0.3486



57.9350, 0.2914, 0.3279

Complementary

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



57.9350, 0.3120, 0.3106



63.0769, 0.3133, 0.3479

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.



57.9350, 0.3005, 0.3396



57.9350, 0.3120, 0.3106



57.9350, 0.3257, 0.3517

Square

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



57.9350, 0.3120, 0.3106



57.9350, 0.3382, 0.3404



57.9350, 0.3130, 0.3484



57.9350, 0.2879, 0.3168

Rectangle

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



57.9350, 0.3120, 0.3106



57.9350, 0.3318, 0.3258



57.9350, 0.3130, 0.3484



57.9350, 0.2939, 0.3319

Sweetspot

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



57.9375, 0.3120, 0.3106



96.6676, 0.3125, 0.3241



56.9444, 0.3012, 0.3125



20.7257, 0.3125, 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.



57.9375, 0.3120, 0.3106



85.6778, 0.3118, 0.3067



57.9441, 0.3179, 0.3173



12.5498, 0.3118, 0.3059



9.3574, 0.2895, 0.1369



0.5871, 0.2953, 0.1400

Inverse Universe

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



57.5597, 0.3240, 0.3267



84.9959, 0.3266, 0.3262



63.0775, 0.3079, 0.3410



12.4460, 0.3271, 0.3261



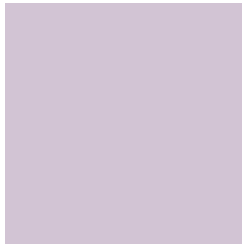
8.6971, 0.6232, 0.3207



0.5331, 0.5852, 0.2997

Previews

White Background



This preview shows how the Yxy color 57.9350, 0.3120, 0.3106 looks on a white background.

Color Contrast Check

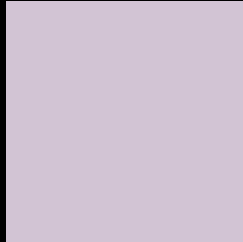
Large Text (above 18pt) WCAG AA × Fail

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 57.9350, 0.3120, 0.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

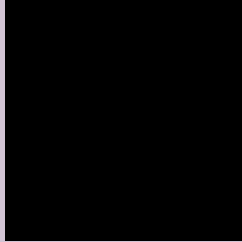
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9350, 0.3120, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 57.9350, 0.3120, 0.3106.

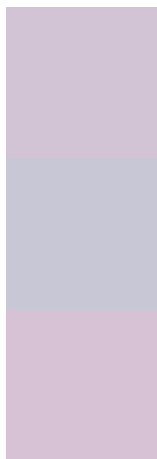


This preview shows how white text looks on a background with the Yxy color 57.9350, 0.3120, 0.3106.

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

57.9350, 0.3120, 0.3106

Protanopia

57.9812, 0.3028, 0.3114

Deuteranopia

57.6332, 0.3153, 0.3085



Tritanopia

57.9350, 0.3120, 0.3106

Trichromacy



Original Color

57.9350, 0.3120, 0.3106

Protanomaly

58.0296, 0.3066, 0.3115

Deuteranomaly

57.9298, 0.3144, 0.3096

Tritanomaly

57.9350, 0.3120, 0.3106

Monochromacy



Original Color

57.9350, 0.3120, 0.3106

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.7439, 0.3123, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9350, 0.3120, 0.3106 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(210, 196, 212)` looks like.

```
.text, #text, p{  
    color:rgb(210, 196, 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(210, 196, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 196, 212) }
```

Border

The CSS property to change the border of an element to Yxy 57.9350, 0.3120, 0.3106 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(210, 196, 212) }
```

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

```
.border{ border-color:rgb(210, 196, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 196, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 196, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 196, 212);  
box-shadow:4px 4px 4px 4px rgb(210, 196,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9350, 0.3120, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 196, 212) }
```

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

```
.background{ background-color: rgb(210,  
196, 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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