

Converting Colors

Yxy(57.9547, 0.3231, 0.3228)

Have a look what the booklet for
Yxy(57.9547, 0.3231, 0.3228)
contains.

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Color

Yxy(57.9930, 0.3234, 0.3233)

Conversions

Conversions Part 1

Format	Color
Hex	D6C4C9
RGB	214, 196, 201
RGB Percent	84%, 77%, 79%
CMY	0.1608, 0.2313, 0.2119
CMYK	0.00, 0.08, 0.06, 0.16
HSL	343°, 18%, 80%
HSV	343°, 8%, 84%
XYZ	58.0109, 57.9930, 63.3743
YIQ	201.9520, 9.1230, 5.3710

Conversions

Conversions Part 2

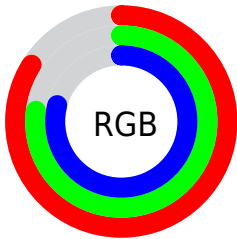
Format	Color
R _Y B	214, 196, 201
Decimal	14075081
CIE Lab	80.73, 7.16, -0.20
CIE LCh	81, 7.167, 358.384
Yxy	57.9930, 0.3234, 0.3233
Android (android.graphics.Color)	4292265161 (0xFFD6C4C9)
YUV	201.9520, -0.4693, 10.5661
Hunter-Lab	76.1531, 2.7074, 3.9663

Details

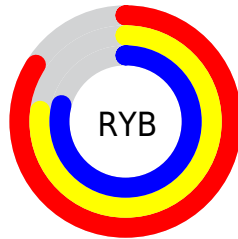
The Yxy color **57.9930, 0.3234, 0.3233** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4360, 0.3030, 0.3348**, and the grayscale version is **59.0303, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **28.8235, 0.3260, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **48.3266, 0.3388, 0.3161**, and if you desaturate by 10%, it is **69.1151, 0.3109, 0.3300**.

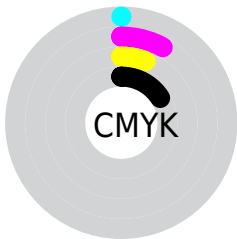
Distribution



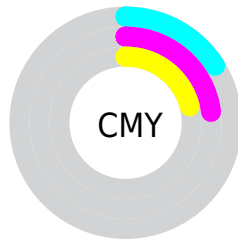
- Red (84%)
- Green (77%)
- Blue (79%)



- Red (84%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (16%)





- Cyan (16%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9930, 0.3234, 0.3233 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 57.9930, 0.3234, 0.3233 by changing the saturation by 10% instead.


 57.9930, 0.3234,
0.3233

 57.9930, 0.3234,
0.3233


417.1599, 0.3183,
0.3261

 41.8030, 0.3246,
0.3226


 101.9127, 0.3216,
0.3243

 28.9471, 0.3262,
0.3218


130.4111, 0.3209,
0.3247

 19.0408, 0.3282,
0.3207


163.7812, 0.3203,
0.3250

 11.6998, 0.3309,
0.3193

202.4074, 0.3198,
0.3252

 6.5396, 0.3348,
0.3172

246.6739, 0.3193,
0.3255

 3.1759, 0.3408,
0.3140

296.9652, 0.3189,

 1.2242, 0.3513,

0.3257

0.3084

353.6657, 0.3186,
0.3259

0.0814, 0.5781,
0.1865

0.0000, 0.0000,
0.0000

57.9930, 0.3234,
0.3233

57.9930, 0.3234,
0.3233

48.3266, 0.3388,
0.3161

69.1151, 0.3109,
0.3300

40.0480, 0.3577,
0.3086

81.7418, 0.3007,
0.3363

33.0955, 0.3807,
0.3012

92.5608, 0.2923,
0.3367

27.3995, 0.4082,
0.2943

93.0363, 0.2883,
0.3289

■ 22.8841, 0.4404,
0.2887

■ 19.4652, 0.4765,
0.2855

■ 17.0474, 0.5144,
0.2859

■ 15.5187, 0.5509,
0.2907

■ 14.7122, 0.5824,
0.2993

Harmonies

Analogous

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



57.9930, 0.3145, 0.3168



57.9930, 0.3234, 0.3233



57.9930, 0.3295, 0.3314

Triad

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



57.9930, 0.3234, 0.3233



57.9930, 0.3201, 0.3451



57.9930, 0.2948, 0.3187

Complementary

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



57.9930, 0.3234, 0.3233



64.4360, 0.3030, 0.3348

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.



57.9930, 0.2963, 0.3263



57.9930, 0.3234, 0.3233



57.9930, 0.3108, 0.3417

Square

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



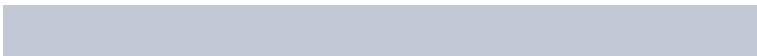
57.9930, 0.3234, 0.3233



57.9930, 0.3275, 0.3441



57.9930, 0.3021, 0.3348



57.9930, 0.2980, 0.3140

Rectangle

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



57.9930, 0.3234, 0.3233



57.9930, 0.3310, 0.3366



57.9930, 0.3021, 0.3348



57.9930, 0.2948, 0.3210

Sweetspot

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



57.9955, 0.3234, 0.3233



94.8640, 0.3164, 0.3270



57.8800, 0.3097, 0.3083



20.0183, 0.3174, 0.3264



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.



57.9955, 0.3234, 0.3233



83.6627, 0.3258, 0.3221



59.5476, 0.3267, 0.3336



12.4765, 0.3248, 0.3226



8.8471, 0.5833, 0.2987



0.5476, 0.5332, 0.2711

Inverse Universe

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



57.9955, 0.3234, 0.3233



83.6627, 0.3258, 0.3221



62.7358, 0.2998, 0.3244



12.4765, 0.3248, 0.3226



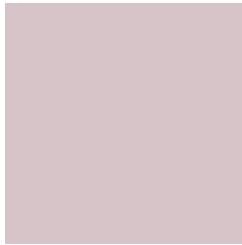
8.8471, 0.5833, 0.2987



0.5476, 0.5332, 0.2711

Previews

White Background



This preview shows how the Yxy color 57.9930, 0.3234, 0.3233 looks on a white background.

Color Contrast Check

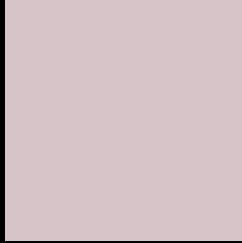
Large Text (above 18pt) WCAG AA × Fail

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 57.9930, 0.3234, 0.3233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

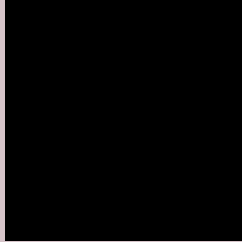
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

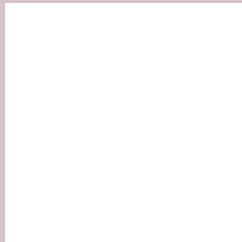
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9930, 0.3234, 0.3233

Background



This preview shows how black text looks on a background with the Yxy color 57.9930, 0.3234, 0.3233.



This preview shows how white text looks on a background with the Yxy color 57.9930, 0.3234, 0.3233.

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

57.9930, 0.3234, 0.3233

Protanopia

57.8552, 0.3129, 0.3243

Deuteranopia

57.8607, 0.3276, 0.3211



Tritanopia

58.1304, 0.3175, 0.3119

Trichromacy



Original Color

57.9930, 0.3234, 0.3233

Protanomaly

57.9178, 0.3169, 0.3243

Deuteranomaly

57.9990, 0.3259, 0.3222

Tritanomaly

57.9823, 0.3197, 0.3153

Monochromacy



Original Color

57.9930, 0.3234, 0.3233

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.6946, 0.3159, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9930, 0.3234, 0.3233 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(214, 196, 201)` looks like.

```
.text, #text, p{  
    color:rgb(214, 196, 201)  
}
```

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(214, 196, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 196, 201) }
```

Border

The CSS property to change the border of an element to Yxy 57.9930, 0.3234, 0.3233 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(214, 196, 201) }
```

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

```
.border{ border-color:rgb(214, 196, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 196, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 196, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 196, 201);  
box-shadow:4px 4px 4px 4px rgb(214, 196,  
201) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 57.9930, 0.3234, 0.3233$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 196, 201) }
```

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

```
.background{ background-color: rgb(214,  
196, 201) }
```

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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