

Converting Colors

$Yxy(58.0306, 0.3129, 0.3338)$

Have a look what the booklet for
Yxy(58.0306, 0.3129, 0.3338)
contains.

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Color

Yxy(57.8103, 0.3133, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	C6C9C5
RGB	198, 201, 197
RGB Percent	78%, 79%, 77%
CMY	0.2234, 0.2118, 0.2275
CMYK	0.01, 0.00, 0.02, 0.21
HSL	104°, 4%, 78%
HSV	104°, 2%, 79%
XYZ	54.2599, 57.8103, 61.1182
YIQ	199.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

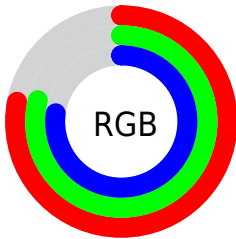
Format	Color
RYB	197, 201, 200
Decimal	13027781
CIELab	80.63, -1.74, 1.63
CIElCh	81, 2.385, 136.955
Yxy	57.8103, 0.3133, 0.3338
Android (android.graphics.Color)	4291217861 (0xFFC6C9C5)
YUV	199.6470, -1.3050, -1.4444
Hunter-Lab	76.0331, -5.6739, 5.5637

Details

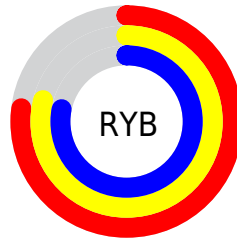
The Yxy color **57.8103, 0.3133, 0.3338** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4199, 0.3121, 0.3242**, and the grayscale version is **57.5431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **28.7799, 0.3135, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **55.0301, 0.3162, 0.3596**, and if you desaturate by 10%, it is **60.9165, 0.3104, 0.3108**.

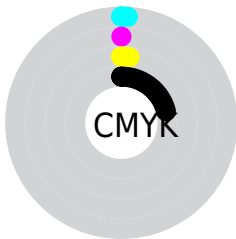
Distribution



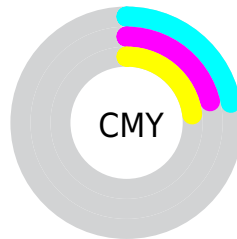
- Red (78%)
- Green (79%)
- Blue (77%)



- Red (77%)
- Yellow (79%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (21%)



- Cyan (22%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8103, 0.3133, 0.3338 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 57.8103, 0.3133, 0.3338 by changing the saturation by 10% instead.

■ 57.8103, 0.3133,
0.3338

■ 57.8103, 0.3133,
0.3338

416.4787, 0.3130,
0.3315

■ 41.6562, 0.3134,
0.3344

101.6466, 0.3132,
0.3330

■ 28.8322, 0.3134,
0.3351

130.0975, 0.3132,
0.3327

■ 18.9539, 0.3135,
0.3360

163.4161, 0.3131,
0.3324

■ 11.6370, 0.3137,
0.3372

201.9868, 0.3131,
0.3322

■ 6.4970, 0.3139,
0.3390

246.1941, 0.3131,
0.3320

■ 3.1496, 0.3142,
0.3418

296.4222, 0.3131,

■ 1.2103, 0.3147,

0.3318

0.3466

353.0556, 0.3130,
0.3316

0.0701, 0.2556,
0.7444

0.0000, 0.0000,
0.0000

57.8103, 0.3133,
0.3338

57.8103, 0.3133,
0.3338

55.0301, 0.3162,
0.3596

60.9165, 0.3104,
0.3108

52.5579, 0.3188,
0.3882

64.3512, 0.3074,
0.2904

50.3852, 0.3211,
0.4191

67.9779, 0.3062,
0.2747

48.5001, 0.3227,
0.4516

70.2509, 0.3152,
0.2762

■ 46.8900, 0.3234,
0.4845

■ 45.5416, 0.3229,
0.5161

■ 44.4398, 0.3212,
0.5443

■ 43.5684, 0.3182,
0.5672

■ 42.9085, 0.3141,
0.5832

Harmonies

Analogous

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



57.8103, 0.3162, 0.3344



57.8103, 0.3133, 0.3338



57.8103, 0.3102, 0.3319

Triad

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



57.8103, 0.3133, 0.3338



57.8103, 0.3072, 0.3245



57.8103, 0.3177, 0.3288

Complementary

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



57.8103, 0.3133, 0.3338



56.4199, 0.3121, 0.3242

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.



57.8103, 0.3152, 0.3262



57.8103, 0.3133, 0.3338



57.8103, 0.3092, 0.3237

Square

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



57.8103, 0.3133, 0.3338



57.8103, 0.3067, 0.3265



57.8103, 0.3121, 0.3243



57.8103, 0.3188, 0.3315

Rectangle

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



57.8103, 0.3133, 0.3338



57.8103, 0.3085, 0.3302



57.8103, 0.3121, 0.3243



57.8103, 0.3170, 0.3279

Sweetspot

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



57.8128, 0.3133, 0.3338



99.4810, 0.3130, 0.3314



57.7231, 0.3157, 0.3325



21.2985, 0.3130, 0.3313



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.



57.8128, 0.3133, 0.3338



98.9677, 0.3133, 0.3339



57.7145, 0.3118, 0.3327



12.4764, 0.3133, 0.3335



26.7692, 0.3115, 0.5909



1.3037, 0.3274, 0.5782

Inverse Universe

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



56.4199, 0.3121, 0.3242



96.5378, 0.3121, 0.3241



56.5201, 0.3136, 0.3253



12.1931, 0.3122, 0.3245



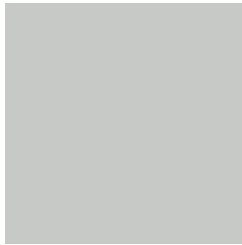
6.6920, 0.2564, 0.1186



0.3504, 0.2704, 0.1263

Previews

White Background



This preview shows how the Yxy color 57.8103, 0.3133, 0.3338 looks on a white background.

Color Contrast Check

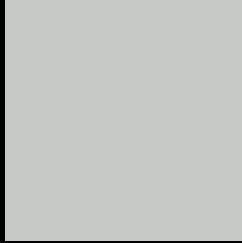
Large Text (above 18pt) WCAG AA × Fail

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 57.8103, 0.3133, 0.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

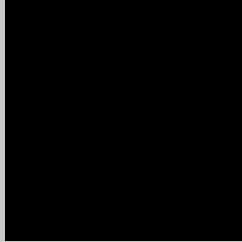
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

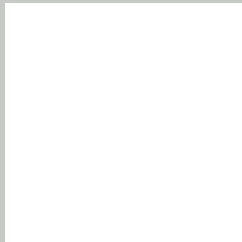
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8103, 0.3133, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 57.8103, 0.3133, 0.3338.



This preview shows how white text looks on a background with the Yxy color 57.8103, 0.3133, 0.3338.

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

57.8103, 0.3133, 0.3338

Protanopia

57.6697, 0.3189, 0.3326

Deuteranopia

57.8764, 0.3308, 0.3245



Tritanopia

57.6607, 0.3036, 0.3102

Trichromacy



Original Color

57.8103, 0.3133, 0.3338

Protanomaly

57.8506, 0.3172, 0.3338

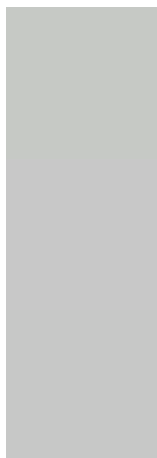
Deuteranomaly

58.0068, 0.3239, 0.3279

Tritanomaly

57.6803, 0.3070, 0.3184

Monochromacy



Original Color

57.8103, 0.3133, 0.3338

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.5742, 0.3127, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8103, 0.3133, 0.3338 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(198, 201, 197)` looks like.

```
.text, #text, p{  
    color:rgb(198, 201, 197)  
}
```

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(198, 201, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 201, 197) }
```

Border

The CSS property to change the border of an element to Yxy 57.8103, 0.3133, 0.3338 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(198, 201, 197) }
```

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

```
.border{ border-color:rgb(198, 201, 197) }
```

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

Here you see how a box with a 4 pixel rgb(198, 201, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 201, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 201, 197);  
box-shadow:4px 4px 4px 4px rgb(198, 201,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8103, 0.3133, 0.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 201, 197) }
```

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

```
.background{ background-color: rgb(198,  
201, 197) }
```

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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