

Converting Colors

Yxy(58.0444, 0.3126, 0.3326)

Have a look what the booklet for
Yxy(58.0444, 0.3126, 0.3326)
contains.

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Color

Yxy(57.8563, 0.3125, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	C6C9C6
RGB	198, 201, 198
RGB Percent	78%, 79%, 78%
CMY	0.2237, 0.2117, 0.2235
CMYK	0.02, 0.00, 0.01, 0.21
HSL	121°, 3%, 78%
HSV	121°, 2%, 79%
XYZ	54.3599, 57.8563, 61.7354
YIQ	199.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

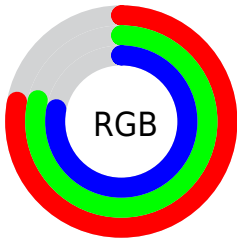
Format	Color
RYB	198, 201, 201
Decimal	13027782
CIELab	80.66, -1.60, 1.12
CIElCh	81, 1.952, 145.023
Yxy	57.8563, 0.3125, 0.3326
Android (android.graphics.Color)	4291217862 (0xFFC6C9C6)
YUV	199.7610, -0.8682, -1.5444
Hunter-Lab	76.0633, -5.5429, 5.1227

Details

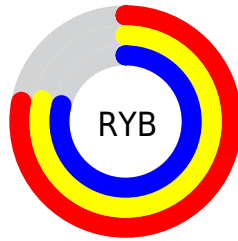
The Yxy color **57.8563, 0.3125, 0.3326** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0014, 0.3129, 0.3254**, and the grayscale version is **57.6077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.8103, 0.3125, 0.3338** is the 20% darker color. If you saturate the color by 10%, you get **54.4558, 0.3110, 0.3582**, and if you desaturate by 10%, it is **61.7425, 0.3139, 0.3104**.

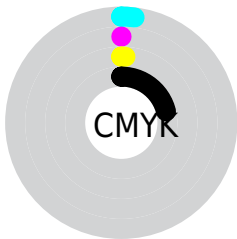
Distribution



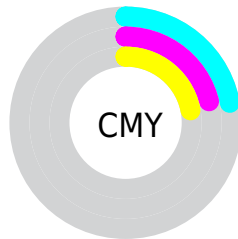
- Red (78%)
- Green (79%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.8563, 0.3125, 0.3326 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 57.8563, 0.3125, 0.3326 by changing the saturation by 10% instead.

■ 57.8563, 0.3125,
0.3326

■ 57.8563, 0.3125,
0.3326

416.6503, 0.3126,
0.3309

■ 41.6931, 0.3125,
0.3330

101.7136, 0.3125,
0.3320

■ 28.8611, 0.3124,
0.3335

130.1765, 0.3126,
0.3317

■ 18.9758, 0.3124,
0.3342

163.5081, 0.3126,
0.3315

■ 11.6528, 0.3123,
0.3351

202.0927, 0.3126,
0.3314

■ 6.5077, 0.3122,
0.3365

246.3149, 0.3126,
0.3312

■ 3.1562, 0.3121,
0.3385

296.5589, 0.3126,

■ 1.2138, 0.3118,

0.3311

353.2093, 0.3126,
0.3310

0.3422

0.0729, 0.2900,
0.6985

0.0000, 0.0000,
0.0000

57.8563, 0.3125,
0.3326

57.8563, 0.3125,
0.3326

54.4558, 0.3110,
0.3582

61.7425, 0.3139,
0.3104

51.5149, 0.3093,
0.3871

66.1248, 0.3150,
0.2912

49.0162, 0.3076,
0.4192

70.2617, 0.3152,
0.2762

46.9382, 0.3058,
0.4536

■ 45.2579, 0.3040,
0.4888

■ 43.9499, 0.3024,
0.5228

■ 42.9858, 0.3011,
0.5529

■ 42.3334, 0.3003,
0.5765

■ 41.9542, 0.2999,
0.5919

Harmonies

Analogous

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



57.8563, 0.3150, 0.3334



57.8563, 0.3125, 0.3326



57.8563, 0.3101, 0.3308

Triad

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



57.8563, 0.3125, 0.3326



57.8563, 0.3085, 0.3250



57.8563, 0.3171, 0.3295

Complementary

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



57.8563, 0.3125, 0.3326



57.0014, 0.3129, 0.3254

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.



57.8563, 0.3154, 0.3272



57.8563, 0.3125, 0.3326



57.8563, 0.3104, 0.3247

Square

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



57.8563, 0.3125, 0.3326



57.8563, 0.3078, 0.3264



57.8563, 0.3129, 0.3255



57.8563, 0.3177, 0.3316

Rectangle

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



57.8563, 0.3125, 0.3326



57.8563, 0.3088, 0.3293



57.8563, 0.3129, 0.3255



57.8563, 0.3167, 0.3287

Sweetspot

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



57.8588, 0.3125, 0.3326

100.0000, 0.3127, 0.3290



58.2696, 0.3149, 0.3327



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.8588, 0.3125, 0.3326



98.7277, 0.3124, 0.3338



57.9294, 0.3114, 0.3308



12.4484, 0.3124, 0.3334



26.2726, 0.2996, 0.5985



1.2452, 0.2982, 0.5933

Inverse Universe

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



57.0014, 0.3129, 0.3254



96.7826, 0.3130, 0.3242



56.9300, 0.3140, 0.3272



12.2216, 0.3130, 0.3246



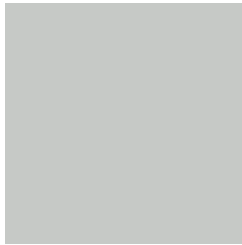
10.3444, 0.3259, 0.1569



0.4910, 0.3248, 0.1563

Previews

White Background



This preview shows how the Yxy color 57.8563, 0.3125, 0.3326 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 57.8563, 0.3125, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

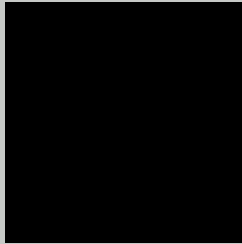
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

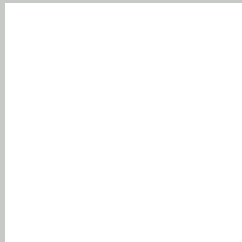
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8563, 0.3125, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 57.8563, 0.3125, 0.3326.



This preview shows how white text looks on a background with the Yxy color 57.8563, 0.3125, 0.3326.

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

57.8563, 0.3125, 0.3326

Protanopia

57.7154, 0.3181, 0.3314

Deuteranopia

57.7672, 0.3292, 0.3233



Tritanopia

57.9812, 0.3028, 0.3114

Trichromacy



Original Color

57.8563, 0.3125, 0.3326

Protanomaly

57.8963, 0.3165, 0.3326

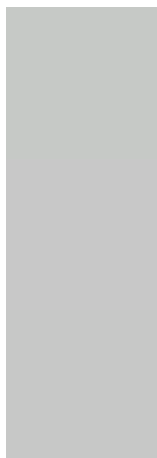
Deuteranomaly

57.9049, 0.3224, 0.3267

Tritanomaly

58.0047, 0.3062, 0.3195

Monochromacy



Original Color

57.8563, 0.3125, 0.3326

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 57.8563, 0.3125, 0.3326 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, 198)` looks like.

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

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, 198) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 57.8563, 0.3125, 0.3326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

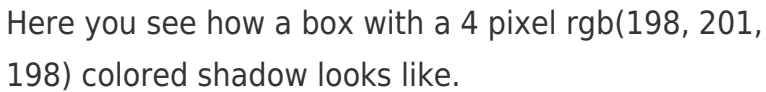
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 201, 198) }
```

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

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

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, 198)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to Yxy 57.8563, 0.3125, 0.3326 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, 198) }
```

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

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

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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