

Converting Colors

Yxy(60.5874, 0.3058, 0.3326)

Have a look what the booklet for
Yxy(60.5874, 0.3058, 0.3326)
contains.

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Color

Yxy(60.5874, 0.3058, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	C3CFCC
RGB	195, 207, 204
RGB Percent	76%, 81%, 80%
CMY	0.2355, 0.1882, 0.2001
CMYK	0.06, 0.00, 0.01, 0.19
HSL	165°, 11%, 79%
HSV	165°, 6%, 81%
XYZ	55.7054, 60.5874, 65.8701
YIQ	203.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

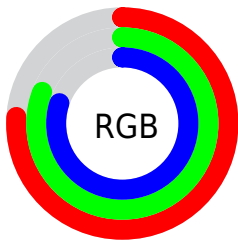
Format	Color
R_{YB}	195, 202, 207
Decimal	12832716
CIE _{Lab}	82.16, -4.66, 0.08
CIE _{LCh}	82, 4.659, 178.956
Yxy	60.5874, 0.3058, 0.3326
Android (android.graphics.Color)	4291022796 (0xFFC3CFCC)
YUV	203.0700, 0.4585, -7.0774
Hunter-Lab	77.8379, -8.4711, 4.3125

Details

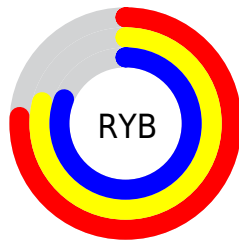
The Yxy color **60.5874, 0.3058, 0.3326** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3533, 0.3201, 0.3254**, and the grayscale version is **59.7632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **30.6472, 0.3036, 0.3337** is the 20% darker color. If you saturate the color by 10%, you get **57.7754, 0.2943, 0.3393**, and if you desaturate by 10%, it is **63.7952, 0.3177, 0.3266**.

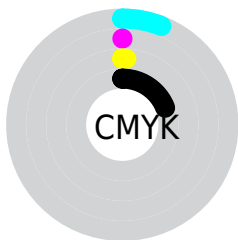
Distribution



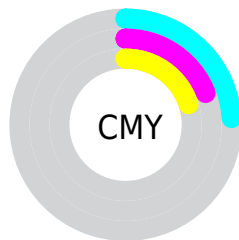
- Red (76%)
- Green (81%)
- Blue (80%)



- Red (76%)
- Yellow (79%)
- Blue (81%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (24%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5874, 0.3058, 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 60.5874, 0.3058, 0.3326 by changing the saturation by 10% instead.

■ 60.5874, 0.3058,
0.3326

■ 60.5874, 0.3058,
0.3326

426.7595, 0.3091,
0.3309

■ 43.8923, 0.3050,
0.3330

■ 105.6813, 0.3070,
0.3320

■ 30.5858, 0.3040,
0.3335

134.8489, 0.3074,
0.3318

■ 20.2837, 0.3028,
0.3342

168.9427, 0.3078,
0.3316

■ 12.6014, 0.3010,
0.3351

208.3471, 0.3081,
0.3314

■ 7.1547, 0.2986,
0.3363

253.4467, 0.3084,
0.3312

■ 3.5590, 0.2949,
0.3382

304.6257, 0.3087,

■ 1.4301, 0.2886,

0.3311

0.3415

362.2685, 0.3089,
0.3310

0.2387, 0.1868,
0.3940

0.0000, 0.0000,
0.0000

60.5874, 0.3058,
0.3326

60.5874, 0.3058,
0.3326

57.7754, 0.2943,
0.3393

63.7952, 0.3177,
0.3266

55.3358, 0.2834,
0.3466

67.4060, 0.3298,
0.3212

53.2543, 0.2735,
0.3546

71.0441, 0.3403,
0.3163

51.5129, 0.2648,
0.3630

71.3245, 0.3364,
0.3111

■ 50.0919, 0.2576,
0.3719

■ 71.6136, 0.3325,
0.3059

■ 48.9694, 0.2522,
0.3811

■ 71.9115, 0.3288,
0.3008

■ 48.1211, 0.2488,
0.3905

■ 72.2182, 0.3250,
0.2958

■ 47.5183, 0.2473,
0.4000

■ 72.5338, 0.3213,
0.2908

■ 47.1258, 0.2477,
0.4093

■ 72.8585, 0.3177,
0.2859

Harmonies

Analogous

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



60.5874, 0.3114, 0.3370



60.5874, 0.3058, 0.3326



60.5874, 0.3021, 0.3272

Triad

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



60.5874, 0.3058, 0.3326



60.5874, 0.3080, 0.3190



60.5874, 0.3244, 0.3355

Complementary

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



60.5874, 0.3058, 0.3326



56.3533, 0.3201, 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.



60.5874, 0.3235, 0.3307



60.5874, 0.3058, 0.3326



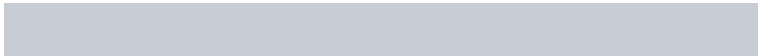
60.5874, 0.3140, 0.3212

Square

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



60.5874, 0.3058, 0.3326



60.5874, 0.3034, 0.3194



60.5874, 0.3197, 0.3254



60.5874, 0.3221, 0.3387

Rectangle

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



60.5874, 0.3058, 0.3326



60.5874, 0.3012, 0.3238



60.5874, 0.3197, 0.3254



60.5874, 0.3244, 0.3340

Sweetspot

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



60.5900, 0.3058, 0.3326



98.9630, 0.3103, 0.3302



60.6026, 0.3145, 0.3434



21.1930, 0.3104, 0.3302



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.



60.5900, 0.3058, 0.3326



96.4838, 0.3043, 0.3334



59.3846, 0.3038, 0.3256



13.4767, 0.3038, 0.3337



29.6189, 0.2478, 0.4119



1.6685, 0.2430, 0.3948

Inverse Universe

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



56.3533, 0.3201, 0.3254



88.3051, 0.3218, 0.3246



57.4880, 0.3222, 0.3324



12.2632, 0.3225, 0.3244



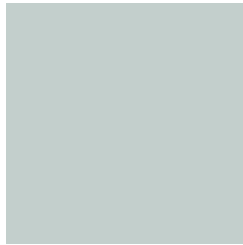
8.5281, 0.5907, 0.3028



0.4899, 0.5373, 0.2734

Previews

White Background



This preview shows how the Yxy color 60.5874, 0.3058, 0.3326 looks on a white background.

Color Contrast Check

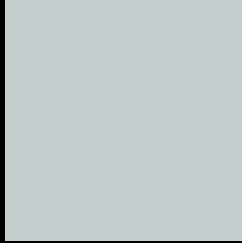
Large Text (above 18pt) WCAG AA × Fail

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 60.5874, 0.3058, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

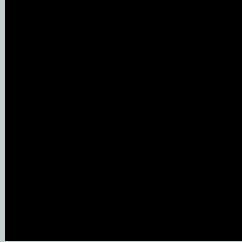
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

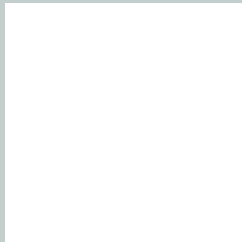
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5874, 0.3058, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 60.5874, 0.3058, 0.3326.

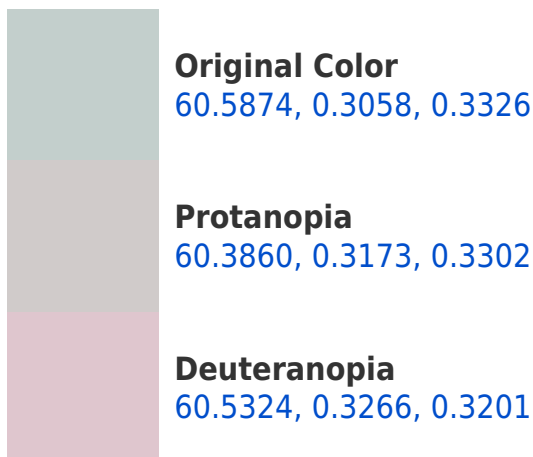


This preview shows how white text looks on a background with the Yxy color 60.5874, 0.3058, 0.3326.

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





Tritanopia

60.4120, 0.2965, 0.3092

Trichromacy



Original Color

60.5874, 0.3058, 0.3326

Protanomaly

60.1940, 0.3127, 0.3302

Deuteranomaly

60.3272, 0.3192, 0.3244

Tritanomaly

60.4393, 0.2998, 0.3173

Monochromacy



Original Color

60.5874, 0.3058, 0.3326

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.7769, 0.3104, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5874, 0.3058, 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(195, 207, 204)` looks like.

```
.text, #text, p{  
    color:rgb(195, 207, 204)  
}
```

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(195, 207, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 207, 204) }
```

Border

The CSS property to change the border of an element to Yxy 60.5874, 0.3058, 0.3326 is called "border". The border property can be set on classes, ids or directly on the HTML element.

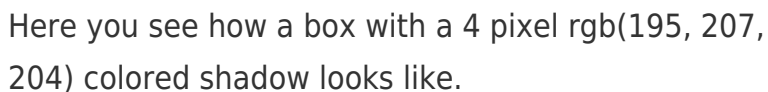
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 207, 204) }
```

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

```
.border{ border-color:rgb(195, 207, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 207, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 207, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 207, 204); box-shadow:4px 4px 4px 4px rgb(195, 207, 204) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5874, 0.3058, 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(195, 207, 204) }
```

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

```
.background{ background-color: rgb(195,  
207, 204) }
```

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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