

Converting Colors

Yxy(58.1638, 0.2907, 0.3335)

Have a look what the booklet for
Yxy(58.1638, 0.2907, 0.3335)
contains.

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Color

Yxy(57.9840, 0.2907, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	AECFCC
RGB	174, 207, 204
RGB Percent	68%, 81%, 80%
CMY	0.3177, 0.1882, 0.2001
CMYK	0.16, 0.00, 0.01, 0.19
HSL	174°, 26%, 75%
HSV	174°, 16%, 81%
XYZ	50.6641, 57.9840, 65.6350
YIQ	196.7910, -18.7050, -7.9290

Conversions

Conversions Part 2

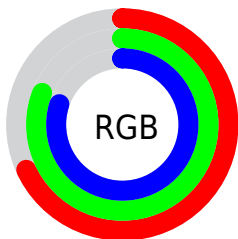
Format	Color
RYB	174, 191, 207
Decimal	11456460
CIELab	80.73, -11.53, -2.17
CIELCh	81, 11.736, 190.671
Yxy	57.9840, 0.2907, 0.3327
Android (android.graphics.Color)	4289646540 (0xFFAECFCC)
YUV	196.7910, 3.5540, -19.9877
Hunter-Lab	76.1472, -14.4937, 2.1981

Details

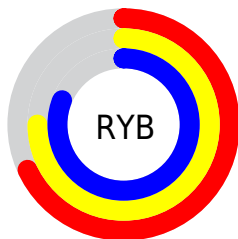
The Yxy color **57.9840, 0.2907, 0.3327** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.7116, 0.3400, 0.3254**, and the grayscale version is **55.6887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **29.0494, 0.2849, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **55.6987, 0.2780, 0.3353**, and if you desaturate by 10%, it is **60.6416, 0.3043, 0.3303**.

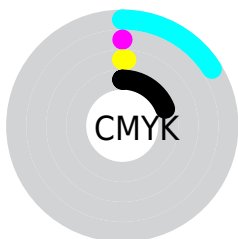
Distribution



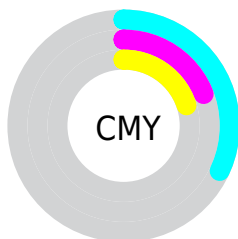
- Red (68%)
- Green (81%)
- Blue (80%)



- Red (68%)
- Yellow (75%)
- Blue (81%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)





- Cyan (32%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9840, 0.2907, 0.3327 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 57.9840, 0.2907, 0.3327 by changing the saturation by 10% instead.


 57.9840, 0.2907,
0.3327

 57.9840, 0.2907,
0.3327


417.1263, 0.3013,
0.3310

 41.7958, 0.2882,
0.3331

 101.8996, 0.2944,
0.3321

 28.9414, 0.2850,
0.3336


130.3957, 0.2959,
0.3319

 19.0365, 0.2809,
0.3342


163.7633, 0.2971,
0.3317

 11.6967, 0.2754,
0.3350

202.3866, 0.2982,
0.3315

 6.5375, 0.2676,
0.3361

246.6502, 0.2991,
0.3314

 3.1746, 0.2557,
0.3376

296.9385, 0.2999,

 1.2235, 0.2354,

0.3312

0.3398

353.6357, 0.3006,
0.3311

0.0808, 0.0000,
0.2519

0.0000, 0.0000,
0.0000

57.9840, 0.2907,
0.3327

57.9840, 0.2907,
0.3327

55.6987, 0.2780,
0.3353

60.6416, 0.3043,
0.3303

53.7618, 0.2664,
0.3381

63.6799, 0.3185,
0.3281

52.1577, 0.2563,
0.3410

67.1162, 0.3331,
0.3262

50.8667, 0.2479,
0.3440

70.6218, 0.3463,
0.3244

■ 49.8670, 0.2413,
0.3471

■ 70.7180, 0.3449,
0.3225

■ 49.1343, 0.2367,
0.3503

■ 70.8153, 0.3435,
0.3206

■ 48.6401, 0.2339,
0.3534

■ 70.9137, 0.3420,
0.3187

■ 48.3488, 0.2329,
0.3565

■ 71.0133, 0.3406,
0.3167

■ 48.2614, 0.2327,
0.3577

■ 71.1140, 0.3392,
0.3148

Harmonies

Analogous

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



57.9840, 0.3032, 0.3459



57.9840, 0.2907, 0.3327



57.9840, 0.2840, 0.3188

Triad

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



57.9840, 0.2907, 0.3327



57.9840, 0.3064, 0.3052



57.9840, 0.3413, 0.3492

Complementary

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



57.9840, 0.2907, 0.3327



46.7116, 0.3400, 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.



57.9840, 0.3423, 0.3380



57.9840, 0.2907, 0.3327



57.9840, 0.3218, 0.3130

Square

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



57.9840, 0.2907, 0.3327



57.9840, 0.2929, 0.3034



57.9840, 0.3351, 0.3248



57.9840, 0.3325, 0.3554

Rectangle

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



57.9840, 0.2907, 0.3327



57.9840, 0.2837, 0.3112



57.9840, 0.3351, 0.3248



57.9840, 0.3426, 0.3459

Sweetspot

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



57.9864, 0.2907, 0.3327



97.5864, 0.3056, 0.3301



57.0673, 0.3132, 0.3712



20.8176, 0.3046, 0.3303



0.0000, 0.0000, 0.0000



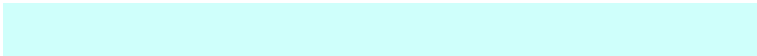
21.4041, 0.3127, 0.3290

Same Dimension

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



57.9864, 0.2907, 0.3327



91.6577, 0.2864, 0.3335



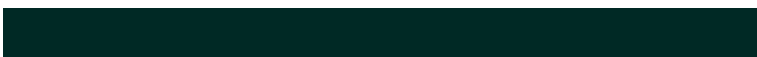
51.9992, 0.2881, 0.3123



13.3876, 0.2995, 0.3311



30.4115, 0.2326, 0.3573



1.7060, 0.2310, 0.3516

Inverse Universe

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



46.7116, 0.3400, 0.3254



70.3708, 0.3468, 0.3246



51.9478, 0.3401, 0.3452



11.8256, 0.3276, 0.3269



8.3936, 0.6288, 0.3238



0.4755, 0.5969, 0.3062

Previews

White Background



This preview shows how the Yxy color 57.9840, 0.2907, 0.3327 looks on a white background.

Color Contrast Check

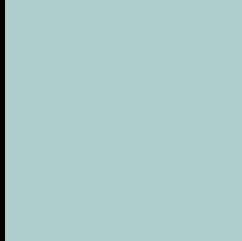
Large Text (above 18pt) WCAG AA × Fail

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 57.9840, 0.2907, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

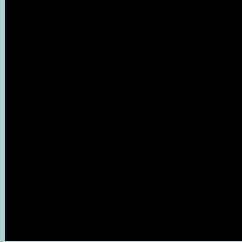
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

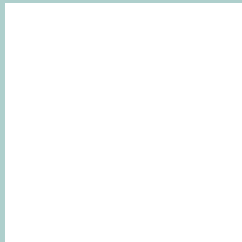
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9840, 0.2907, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 57.9840, 0.2907, 0.3327.

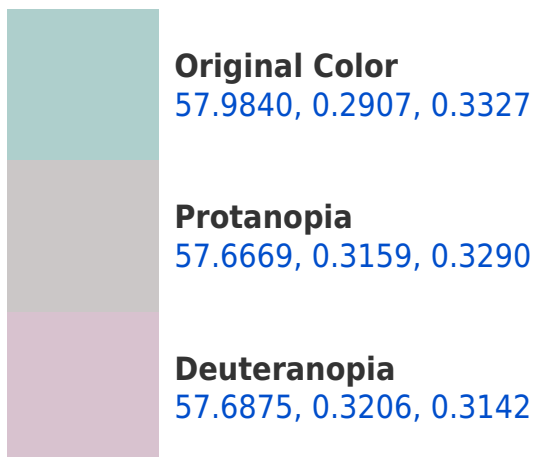


This preview shows how white text looks on a background with the Yxy color 57.9840, 0.2907, 0.3327.

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

57.7533, 0.2818, 0.3083

Trichromacy



Original Color

57.9840, 0.2907, 0.3327

Protanomaly

57.6646, 0.3058, 0.3302

Deuteranomaly

57.7206, 0.3092, 0.3207

Tritanomaly

57.7990, 0.2849, 0.3167

Monochromacy



Original Color

57.9840, 0.2907, 0.3327

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.7622, 0.3042, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9840, 0.2907, 0.3327 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(174, 207, 204)` looks like.

```
.text, #text, p{  
    color:rgb(174, 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(174, 207, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 207, 204) }
```

Border

The CSS property to change the border of an element to Yxy 57.9840, 0.2907, 0.3327 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(174, 207, 204) }
```

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

```
.border{ border-color:rgb(174, 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(174, 207, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 207, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 207, 204);  
box-shadow:4px 4px 4px 4px rgb(174, 207,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9840, 0.2907, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 207, 204) }
```

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

```
.background{ background-color: rgb(174,  
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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