

Converting Colors

$Yxy(57.9335, 0.2819, 0.3233)$

Have a look what the booklet for
Yxy(57.9335, 0.2819, 0.3233)
contains.

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Color

Yxy(57.7039, 0.2815, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	A8CFD4
RGB	168, 207, 212
RGB Percent	66%, 81%, 83%
CMY	0.3414, 0.1882, 0.1686
CMYK	0.21, 0.02, 0.00, 0.17
HSL	187°, 34%, 75%
HSV	187°, 21%, 83%
XYZ	50.3367, 57.7039, 70.7753
YIQ	195.9090, -24.8490, -6.7130

Conversions

Conversions Part 2

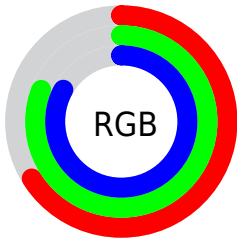
Format	Color
RYB	168, 189, 212
Decimal	11063252
CIELab	80.57, -11.74, -6.74
CIELCh	81, 13.534, 209.878
Yxy	57.7039, 0.2815, 0.3227
Android (android.graphics.Color)	4289253332 (0xFFA8CFD4)
YUV	195.9090, 7.9329, -24.4762
Hunter-Lab	75.9631, -14.6530, -2.0668

Details

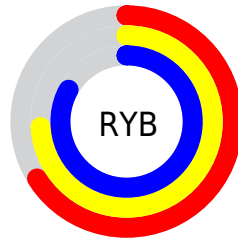
The Yxy color **57.7039, 0.2815, 0.3227** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.6862, 0.3529, 0.3352**, and the grayscale version is **55.1030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **28.8616, 0.2740, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **54.4121, 0.2676, 0.3193**, and if you desaturate by 10%, it is **61.3974, 0.2962, 0.3259**.

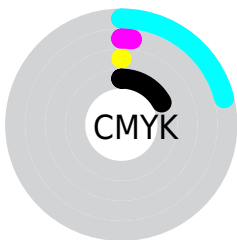
Distribution



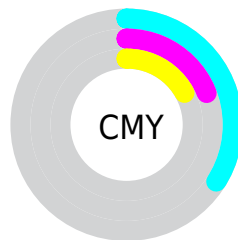
- Red (66%)
- Green (81%)
- Blue (83%)



- Red (66%)
- Yellow (74%)
- Blue (83%)



- Cyan (21%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)





- Cyan (34%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7039, 0.2815, 0.3227 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 57.7039, 0.2815, 0.3227 by changing the saturation by 10% instead.


 57.7039, 0.2815,
0.3227

 57.7039, 0.2815,
0.3227


416.0817, 0.2964,
0.3259

 41.5706, 0.2780,
0.3219

 101.4915, 0.2868,
0.3239

 28.7652, 0.2736,
0.3208


 129.9147, 0.2888,
0.3243

 18.9033, 0.2678,
0.3194


163.2033, 0.2905,
0.3247

 11.6004, 0.2602,
0.3174

201.7418, 0.2920,
0.3250

 6.4722, 0.2495,
0.3145

245.9144, 0.2933,
0.3253

 3.1343, 0.2333,
0.3096

296.1057, 0.2945,

 1.2022, 0.2063,

0.3255

352.7000, 0.2955,
0.3257

0.3002

0.0635, 0.0000,
0.1052

0.0000, 0.0000,
0.0000

57.7039, 0.2815,
0.3227

57.7039, 0.2815,
0.3227

54.4121, 0.2676,
0.3193

61.3974, 0.2962,
0.3259

51.4965, 0.2550,
0.3157

65.5028, 0.3115,
0.3288

48.9394, 0.2437,
0.3119

70.0385, 0.3271,
0.3314

46.7191, 0.2342,
0.3080

75.0198, 0.3427,
0.3338

■ 44.8110, 0.2265,
0.3041

■ 76.6881, 0.3440,
0.3362

■ 43.1874, 0.2208,
0.3001

■ 77.9502, 0.3436,
0.3386

■ 41.8150, 0.2169,
0.2962

■ 79.2304, 0.3432,
0.3410

■ 40.7181, 0.2146,
0.2926

■ 80.5289, 0.3428,
0.3434

■ 81.8457, 0.3424,
0.3458

Harmonies

Analogous

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



57.7039, 0.2919, 0.3391



57.7039, 0.2815, 0.3227



57.7039, 0.2793, 0.3087

Triad

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



57.7039, 0.2815, 0.3227



57.7039, 0.3168, 0.3067



57.7039, 0.3401, 0.3578

Complementary

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



57.7039, 0.2815, 0.3227



46.6862, 0.3529, 0.3352

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.



57.7039, 0.3473, 0.3481



57.7039, 0.2815, 0.3227



57.7039, 0.3337, 0.3189

Square

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



57.7039, 0.2815, 0.3227



57.7039, 0.2992, 0.3000



57.7039, 0.3450, 0.3339



57.7039, 0.3256, 0.3598

Rectangle

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



57.7039, 0.2815, 0.3227



57.7039, 0.2826, 0.3025



57.7039, 0.3450, 0.3339



57.7039, 0.3435, 0.3553

Sweetspot

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



57.7063, 0.2815, 0.3227



96.1122, 0.3034, 0.3273



58.4012, 0.3071, 0.3803



20.4844, 0.3024, 0.3271



0.0000, 0.0000, 0.0000



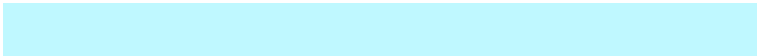
21.4041, 0.3127, 0.3290

Same Dimension

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



57.7063, 0.2815, 0.3227



85.3283, 0.2752, 0.3212



48.0100, 0.2797, 0.2952



13.8564, 0.2983, 0.3263



25.2291, 0.2148, 0.2932



1.5916, 0.2166, 0.2999

Inverse Universe

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



46.4895, 0.3193, 0.2832



65.3944, 0.3209, 0.2731



55.5772, 0.3478, 0.3607



12.6073, 0.3155, 0.3086



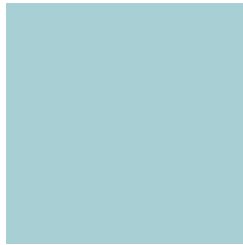
10.8917, 0.3515, 0.1710



0.6640, 0.3455, 0.1677

Previews

White Background



This preview shows how the Yxy color 57.7039, 0.2815, 0.3227 looks on a white background.

Color Contrast Check

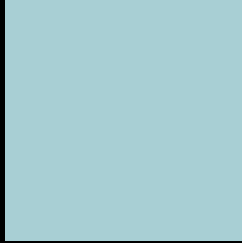
Large Text (above 18pt) WCAG AA × Fail

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 57.7039, 0.2815, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

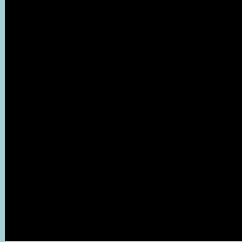
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

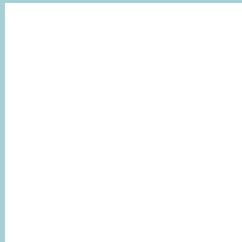
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7039, 0.2815, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 57.7039, 0.2815, 0.3227.

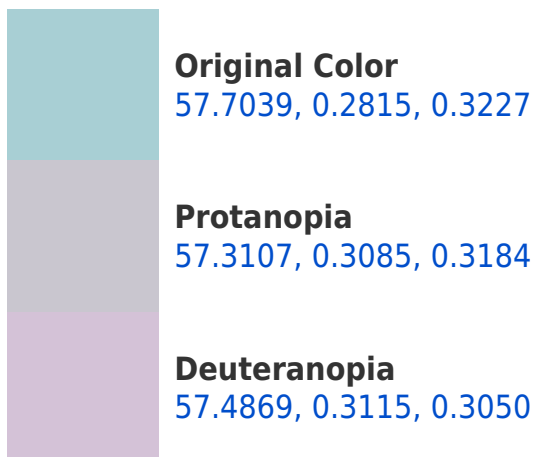


This preview shows how white text looks on a background with the Yxy color 57.7039, 0.2815, 0.3227.

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

57.4826, 0.2766, 0.3081

Trichromacy



Original Color

57.7039, 0.2815, 0.3227

Protanomaly

57.1956, 0.2980, 0.3193

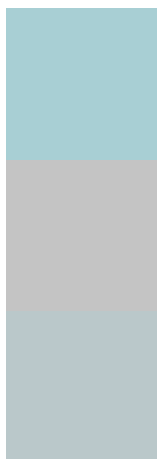
Deuteranomaly

57.4376, 0.2998, 0.3112

Tritanomaly

57.6396, 0.2784, 0.3141

Monochromacy



Original Color

57.7039, 0.2815, 0.3227

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.0119, 0.3006, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7039, 0.2815, 0.3227 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(168, 207, 212)` looks like.

```
.text, #text, p{  
    color:rgb(168, 207, 212)  
}
```

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(168, 207, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 207, 212) }
```

Border

The CSS property to change the border of an element to Yxy 57.7039, 0.2815, 0.3227 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(168, 207, 212) }
```

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

```
.border{ border-color:rgb(168, 207, 212) }
```

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

Here you see how a box with a 4 pixel rgb(168, 207, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 207, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 207, 212);  
box-shadow:4px 4px 4px 4px rgb(168, 207,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7039, 0.2815, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 207, 212) }
```

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

```
.background{ background-color: rgb(168,  
207, 212) }
```

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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