

Converting Colors

Yxy(57.6419, 0.2827, 0.3353)

Have a look what the booklet for
Yxy(57.6419, 0.2827, 0.3353)
contains.

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Color

Yxy(57.6419, 0.2827, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	A2D1CC
RGB	162, 209, 204
RGB Percent	64%, 82%, 80%
CMY	0.3646, 0.1804, 0.2001
CMYK	0.22, 0.00, 0.02, 0.18
HSL	174°, 34%, 73%
HSV	174°, 22%, 82%
XYZ	48.5994, 57.6419, 65.6702
YIQ	194.3770, -26.4070, -11.5190

Conversions

Conversions Part 2

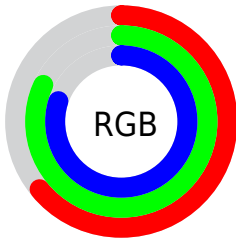
Format	Color
RYB	162, 187, 209
Decimal	10670540
CIELab	80.54, -16.29, -2.53
CIELCh	81, 16.491, 188.832
Yxy	57.6419, 0.2827, 0.3353
Android (android.graphics.Color)	4288860620 (0xFFA2D1CC)
YUV	194.3770, 4.7441, -28.3946
Hunter-Lab	75.9223, -18.6025, 1.8618

Details

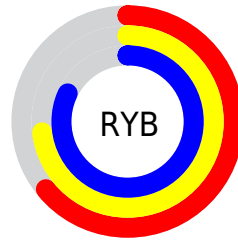
The Yxy color **57.6419, 0.2827, 0.3353** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.1958, 0.3535, 0.3229**, and the grayscale version is **54.1690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **28.5644, 0.2747, 0.3358** is the 20% darker color. If you saturate the color by 10%, you get **55.5273, 0.2709, 0.3385**, and if you desaturate by 10%, it is **60.1266, 0.2956, 0.3323**.

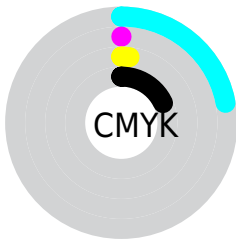
Distribution



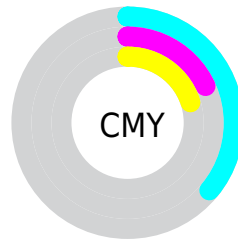
- Red (64%)
- Green (82%)
- Blue (80%)



- Red (64%)
- Yellow (73%)
- Blue (82%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)




- Cyan (36%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6419, 0.2827, 0.3353 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 57.6419, 0.2827, 0.3353 by changing the saturation by 10% instead.

 57.6419, 0.2827,
0.3353


 57.6419, 0.2827,
0.3353


415.8502, 0.2971,
0.3324

 41.5208, 0.2793,
0.3360


 101.4012, 0.2878,
0.3343

 28.7263, 0.2750,
0.3368

 129.8082, 0.2898,
0.3339

 18.8738, 0.2694,
0.3378


163.0793, 0.2914,
0.3336

 11.5792, 0.2620,
0.3392

201.5989, 0.2929,
0.3333

 6.4578, 0.2514,
0.3410

245.7514, 0.2941,
0.3330

 3.1254, 0.2353,
0.3436

295.9212, 0.2952,

 1.1976, 0.2067,

0.3328

0.3480

352.4927, 0.2962,
0.3326

0.0597, 0.0000,
0.1979

0.0000, 0.0000,
0.0000

57.6419, 0.2827,
0.3353

57.6419, 0.2827,
0.3353

55.5273, 0.2709,
0.3385

60.1266, 0.2956,
0.3323

53.7577, 0.2604,
0.3419

62.9909, 0.3092,
0.3296


52.3159, 0.2515,
0.3454

66.2530, 0.3234,
0.3272

51.1806, 0.2443,
0.3490


69.9276, 0.3378,
0.3250


 50.3277, 0.2391,
0.3527


 71.7776, 0.3433,
0.3228


 49.7297, 0.2358,
0.3564


 71.8937, 0.3416,
0.3206

 49.3536, 0.2344,
0.3601

 72.0113, 0.3400,
0.3183

 49.1735, 0.2341,
0.3629

 72.1306, 0.3383,
0.3161

 72.2514, 0.3367,
0.3138

Harmonies

Analogous

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



57.6419, 0.3005, 0.3540



57.6419, 0.2827, 0.3353



57.6419, 0.2729, 0.3155

Triad

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



57.6419, 0.2827, 0.3353



57.6419, 0.3023, 0.2955



57.6419, 0.3535, 0.3564

Complementary

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



57.6419, 0.2827, 0.3353



42.1958, 0.3535, 0.3229

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.



57.6419, 0.3542, 0.3402



57.6419, 0.2827, 0.3353



57.6419, 0.3241, 0.3058

Square

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



57.6419, 0.2827, 0.3353



57.6419, 0.2839, 0.2934



57.6419, 0.3433, 0.3219



57.6419, 0.3415, 0.3660

Rectangle

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



57.6419, 0.2827, 0.3353



57.6419, 0.2721, 0.3046



57.6419, 0.3433, 0.3219



57.6419, 0.3551, 0.3515

Sweetspot

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



57.6443, 0.2827, 0.3353



96.6477, 0.3029, 0.3309



56.4823, 0.3138, 0.3907



20.6278, 0.3021, 0.3310



0.0000, 0.0000, 0.0000



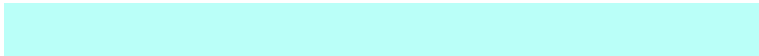
21.4041, 0.3127, 0.3290

Same Dimension

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



57.6443, 0.2827, 0.3353



88.7317, 0.2768, 0.3368



49.5459, 0.2779, 0.3056



13.3843, 0.2997, 0.3315



30.3266, 0.2340, 0.3623



1.7021, 0.2321, 0.3556

Inverse Universe

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



42.1958, 0.3535, 0.3229



60.3150, 0.3652, 0.3215



48.8201, 0.3536, 0.3512



11.8285, 0.3274, 0.3265



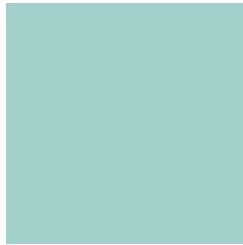
8.4016, 0.6263, 0.3224



0.4769, 0.5904, 0.3026

Previews

White Background



This preview shows how the Yxy color 57.6419, 0.2827, 0.3353 looks on a white background.

Color Contrast Check

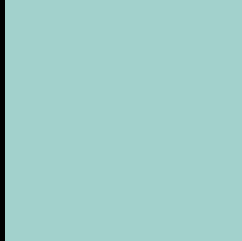
Large Text (above 18pt) WCAG AA × Fail

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 57.6419, 0.2827, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

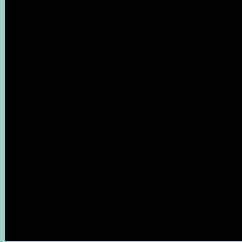
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

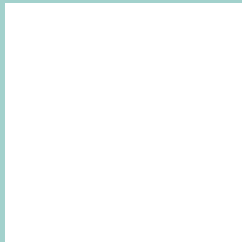
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6419, 0.2827, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 57.6419, 0.2827, 0.3353.



This preview shows how white text looks on a background with the Yxy color 57.6419, 0.2827, 0.3353.

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

57.6419, 0.2827, 0.3353

Protanopia

57.1619, 0.3167, 0.3290

Deuteranopia

57.0920, 0.3199, 0.3130



Tritanopia

57.5773, 0.2735, 0.3080

Trichromacy



Original Color

57.6419, 0.2827, 0.3353

Protanomaly

57.1026, 0.3035, 0.3314

Deuteranomaly

57.0388, 0.3054, 0.3206

Tritanomaly

57.5828, 0.2771, 0.3177

Monochromacy



Original Color

57.6419, 0.2827, 0.3353

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.8691, 0.3004, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6419, 0.2827, 0.3353 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(162, 209, 204)` looks like.

```
.text, #text, p{  
    color:rgb(162, 209, 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(162, 209, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 209, 204) }
```

Border

The CSS property to change the border of an element to Yxy 57.6419, 0.2827, 0.3353 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(162, 209, 204) }
```

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

```
.border{ border-color:rgb(162, 209, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 209, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 209, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 209, 204);  
box-shadow:4px 4px 4px 4px rgb(162, 209,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6419, 0.2827, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 209, 204) }
```

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

```
.background{ background-color: rgb(162,  
209, 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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