

Converting Colors

$Yxy(57.1656, 0.2681, 0.3360)$

Have a look what the booklet for
Yxy(57.1656, 0.2681, 0.3360)
contains.

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Color

Yxy(57.1674, 0.2677, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	8CD4CF
RGB	140, 212, 207
RGB Percent	55%, 83%, 81%
CMY	0.4507, 0.1687, 0.1883
CMYK	0.34, 0.00, 0.02, 0.17
HSL	176°, 46%, 69%
HSV	176°, 34%, 83%
XYZ	45.6282, 57.1674, 67.6498
YIQ	189.9020, -41.3070, -16.8190

Conversions

Conversions Part 2

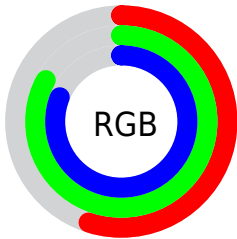
Format	Color
RYB	140, 177, 212
Decimal	9229519
CIELab	80.27, -23.47, -4.67
CIELCh	80, 23.930, 191.256
Yxy	57.1674, 0.2677, 0.3354
Android (android.graphics.Color)	4287419599 (0xFF8CD4CF)
YUV	189.9020, 8.4293, -43.7641
Hunter-Lab	75.6091, -24.5956, -0.1222

Details

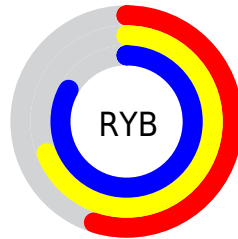
The Yxy color **57.1674, 0.2677, 0.3354** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.8205, 0.3863, 0.3229**, and the grayscale version is **51.4108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **28.3923, 0.2561, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **55.4290, 0.2571, 0.3376**, and if you desaturate by 10%, it is **59.2659, 0.2797, 0.3333**.

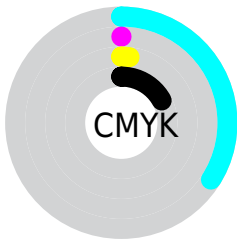
Distribution



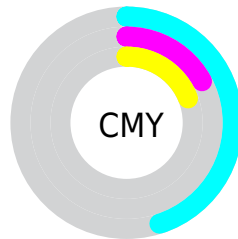
- Red (55%)
- Green (83%)
- Blue (81%)



- Red (55%)
- Yellow (69%)
- Blue (83%)



- Cyan (34%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)





- Cyan (45%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1674, 0.2677, 0.3354 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 57.1674, 0.2677, 0.3354 by changing the saturation by 10% instead.


 57.1674, 0.2677,
0.3354

 57.1674, 0.2677,
0.3354


414.0763, 0.2892,
0.3326

 41.1397, 0.2626,
0.3360


 100.7094, 0.2753,
0.3345

 28.4282, 0.2563,
0.3367


 128.9925, 0.2782,
0.3341

 18.6487, 0.2480,
0.3375


162.1294, 0.2807,
0.3338

 11.4167, 0.2371,
0.3385

200.5046, 0.2829,
0.3335

 6.3479, 0.2217,
0.3396

244.5025, 0.2848,
0.3332

 3.0577, 0.1988,
0.3407

294.5075, 0.2864,

 1.1620, 0.1508,

0.3330

350.9040, 0.2879,
0.3328

0.3450

0.0303, 0.0000,
0.0777

0.0000, 0.0000,
0.0000

57.1674, 0.2677,
0.3354

57.1674, 0.2677,
0.3354

55.4290, 0.2571,
0.3376

59.2659, 0.2797,
0.3333

54.0234, 0.2481,
0.3398

61.7363, 0.2929,
0.3314

52.9303, 0.2410,
0.3422

64.5985, 0.3070,
0.3297

52.1244, 0.2359,
0.3445

67.8689, 0.3217,
0.3280

■ 51.5765, 0.2326,
0.3469

■ 71.5629, 0.3366,
0.3266

■ 51.2513, 0.2311,
0.3492

■ 73.2934, 0.3423,
0.3252

■ 51.1253, 0.2307,
0.3506

■ 73.3701, 0.3412,
0.3237

■ 73.4474, 0.3402,
0.3222

■ 73.5255, 0.3391,
0.3207

Harmonies

Analogous

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



57.1674, 0.2923, 0.3640



57.1674, 0.2677, 0.3354



57.1674, 0.2551, 0.3066

Triad

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



57.1674, 0.2677, 0.3354



57.1674, 0.2998, 0.2820



57.1674, 0.3712, 0.3696

Complementary

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



57.1674, 0.2677, 0.3354



34.8205, 0.3863, 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.



57.1674, 0.3740, 0.3465



57.1674, 0.2677, 0.3354



57.1674, 0.3316, 0.2974

Square

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



57.1674, 0.2677, 0.3354



57.1674, 0.2729, 0.2776



57.1674, 0.3592, 0.3205



57.1674, 0.3523, 0.3834

Rectangle

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



57.1674, 0.2677, 0.3354



57.1674, 0.2547, 0.2916



57.1674, 0.3592, 0.3205



57.1674, 0.3741, 0.3626

Sweetspot

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



57.1697, 0.2677, 0.3354



95.3665, 0.2982, 0.3307



55.0964, 0.3122, 0.4284



20.2837, 0.2963, 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.



57.1697, 0.2677, 0.3354



84.8066, 0.2596, 0.3370



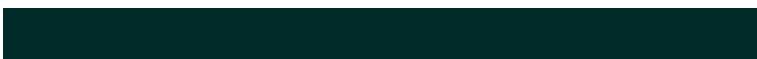
43.8017, 0.2597, 0.2884



14.0922, 0.2992, 0.3306



31.5706, 0.2306, 0.3503



1.9088, 0.2295, 0.3462

Inverse Universe

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



34.8205, 0.3863, 0.3229



45.6760, 0.4110, 0.3216



44.6561, 0.3794, 0.3662



12.4347, 0.3280, 0.3274



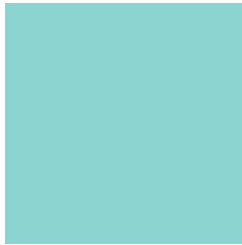
8.6674, 0.6320, 0.3255



0.5278, 0.6081, 0.3124

Previews

White Background



This preview shows how the Yxy color 57.1674, 0.2677, 0.3354 looks on a white background.

Color Contrast Check

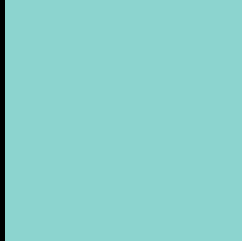
Large Text (above 18pt) WCAG AA × Fail

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 57.1674, 0.2677, 0.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

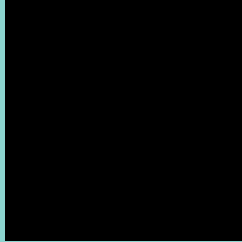
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

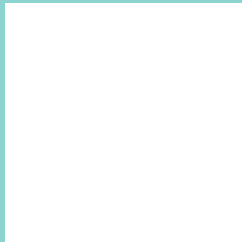
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1674, 0.2677, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 57.1674, 0.2677, 0.3354.



This preview shows how white text looks on a background with the Yxy color 57.1674, 0.2677, 0.3354.

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

57.1674, 0.2677, 0.3354

Protanopia

56.5663, 0.3159, 0.3278

Deuteranopia

56.8401, 0.3145, 0.3083



Tritanopia

57.1117, 0.2595, 0.3075

Trichromacy



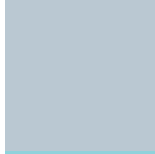
Original Color

57.1674, 0.2677, 0.3354



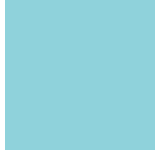
Protanomaly

56.0418, 0.2961, 0.3302



Deuteranomaly

56.4008, 0.2951, 0.3168



Tritanomaly

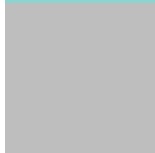
57.0473, 0.2624, 0.3174

Monochromacy



Original Color

57.1674, 0.2677, 0.3354



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

53.1443, 0.2942, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1674, 0.2677, 0.3354 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(140, 212, 207)` looks like.

```
.text, #text, p{  
    color:rgb(140, 212, 207)  
}
```

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(140, 212, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 212, 207) }
```

Border

The CSS property to change the border of an element to Yxy 57.1674, 0.2677, 0.3354 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(140, 212, 207) }
```

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

```
.border{ border-color:rgb(140, 212, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 212, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 212, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 212, 207); box-shadow:4px 4px 4px 4px rgb(140, 212, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1674, 0.2677, 0.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 212, 207) }
```

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

```
.background{ background-color: rgb(140,  
212, 207) }
```

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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