

Converting Colors

$Y_{xy}(57.8975, 0.2958, 0.3517)$

Have a look what the booklet for
Yxy(57.8975, 0.2958, 0.3517)
contains.

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Color

Yxy(57.7975, 0.2957, 0.3519)

Conversions

Conversions Part 1

Format	Color
Hex	A9D1BF
RGB	169, 209, 191
RGB Percent	66%, 82%, 75%
CMY	0.3372, 0.1804, 0.2510
CMYK	0.19, 0.00, 0.09, 0.18
HSL	153°, 30%, 74%
HSV	153°, 19%, 82%
XYZ	48.5670, 57.7975, 57.8796
YIQ	194.9880, -18.0620, -14.0780

Conversions

Conversions Part 2

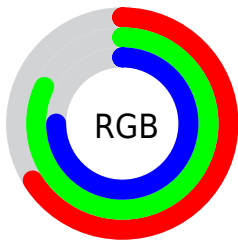
Format	Color
RYB	169, 195, 209
Decimal	11129279
CIELab	80.63, -16.76, 4.58
CIELCh	81, 17.373, 164.705
Yxy	57.7975, 0.2957, 0.3519
Android (android.graphics.Color)	4289319359 (0xFFA9D1BF)
YUV	194.9880, -1.9661, -22.7915
Hunter-Lab	76.0247, -19.0117, 8.0782

Details

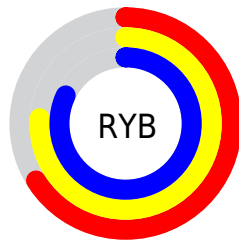
The Yxy color **57.7975, 0.2957, 0.3519** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.5246, 0.3337, 0.3072**, and the grayscale version is **54.5875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2430, 0.2990, 0.3370**, and **28.6592, 0.2905, 0.3567** is the 20% darker color. If you saturate the color by 10%, you get **55.2687, 0.2874, 0.3658**, and if you desaturate by 10%, it is **60.7273, 0.3045, 0.3393**.

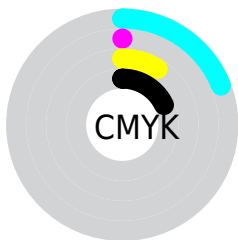
Distribution



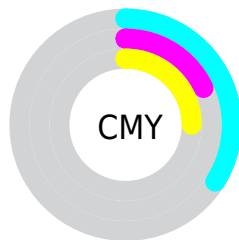
- Red (66%)
- Green (82%)
- Blue (75%)



- Red (66%)
- Yellow (76%)
- Blue (82%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)




- Cyan (34%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7975, 0.2957, 0.3519 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 57.7975, 0.2957, 0.3519 by changing the saturation by 10% instead.

 57.7975, 0.2957,
0.3519


 57.7975, 0.2957,
0.3519


416.4310, 0.3040,
0.3407

 41.6459, 0.2937,
0.3546


 101.6279, 0.2987,
0.3479

 28.8241, 0.2912,
0.3581


 130.0755, 0.2998,
0.3463

 18.9478, 0.2878,
0.3627

163.3905, 0.3008,
0.3451

 11.6326, 0.2833,
0.3689

201.9574, 0.3016,
0.3439

 6.4940, 0.2767,
0.3781

246.1604, 0.3023,
0.3430

 3.1477, 0.2665,
0.3926

296.3841, 0.3029,

 1.2093, 0.2463,

0.3421

353.0128, 0.3035,
0.3414

0.4201

0.0693, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.7975, 0.2957,
0.3519

57.7975, 0.2957,
0.3519

55.2687, 0.2874,
0.3658

60.7273, 0.3045,
0.3393

53.1155, 0.2800,
0.3808

64.0677, 0.3135,
0.3281

51.3211, 0.2736,
0.3970

67.8369, 0.3226,
0.3181

49.8640, 0.2687,
0.4141

72.0499, 0.3316,
0.3092

■ 48.7209, 0.2656,
0.4316

■ 73.0392, 0.3266,
0.3001

■ 47.8648, 0.2644,
0.4493

■ 73.6073, 0.3200,
0.2911

■ 47.2643, 0.2652,
0.4668

■ 74.0826, 0.3148,
0.2841

■ 46.8677, 0.2678,
0.4835

■ 46.8372, 0.2680,
0.4850

Harmonies

Analogous

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



57.7975, 0.3180, 0.3658



57.7975, 0.2957, 0.3519



57.7975, 0.2784, 0.3314

Triad

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



57.7975, 0.2957, 0.3519



57.7975, 0.2857, 0.2912



57.7975, 0.3573, 0.3444

Complementary

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



57.7975, 0.2957, 0.3519



45.5246, 0.3337, 0.3072

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.



57.7975, 0.3481, 0.3252



57.7975, 0.2957, 0.3519



57.7975, 0.3062, 0.2953

Square

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



57.7975, 0.2957, 0.3519



57.7975, 0.2727, 0.2966



57.7975, 0.3291, 0.3076



57.7975, 0.3540, 0.3604

Rectangle

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



57.7975, 0.2957, 0.3519



57.7975, 0.2717, 0.3174



57.7975, 0.3291, 0.3076



57.7975, 0.3555, 0.3381

Sweetspot

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



57.7999, 0.2957, 0.3519



96.7768, 0.3072, 0.3358



59.1176, 0.3245, 0.3789



20.6423, 0.3066, 0.3365



0.0000, 0.0000, 0.0000



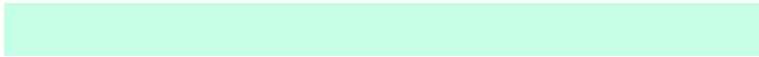
21.4041, 0.3127, 0.3290

Same Dimension

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



57.7999, 0.2957, 0.3519



88.9366, 0.2922, 0.3575



57.9909, 0.2841, 0.3273



13.3134, 0.3042, 0.3397



28.8975, 0.2674, 0.4826



1.6316, 0.2588, 0.4516

Inverse Universe

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



45.5246, 0.3337, 0.3072



66.2131, 0.3394, 0.3022



45.2993, 0.3497, 0.3308



11.8955, 0.3221, 0.3186



8.8769, 0.5153, 0.2612



0.5122, 0.4706, 0.2366

Previews

White Background



This preview shows how the Yxy color 57.7975, 0.2957, 0.3519 looks on a white background.

Color Contrast Check

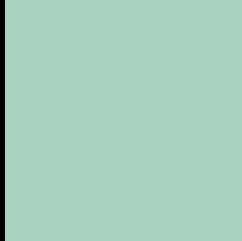
Large Text (above 18pt) WCAG AA × Fail

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 57.7975, 0.2957, 0.3519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

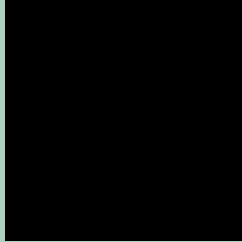
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

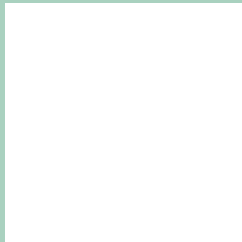
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7975, 0.2957, 0.3519

Background



This preview shows how black text looks on a background with the Yxy color 57.7975, 0.2957, 0.3519.



This preview shows how white text looks on a background with the Yxy color 57.7975, 0.2957, 0.3519.

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

57.7975, 0.2957, 0.3519

Protanopia

57.4714, 0.3287, 0.3458

Deuteranopia

57.4071, 0.3349, 0.3279



Tritanopia

57.9971, 0.2805, 0.3095

Trichromacy



Original Color

57.7975, 0.2957, 0.3519

Protanomaly

57.6372, 0.3164, 0.3486

Deuteranomaly

57.2537, 0.3195, 0.3362

Tritanomaly

57.6800, 0.2861, 0.3240

Monochromacy



Original Color

57.7975, 0.2957, 0.3519

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.6427, 0.3062, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7975, 0.2957, 0.3519 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(169, 209, 191)` looks like.

```
.text, #text, p{  
    color:rgb(169, 209, 191)  
}
```

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(169, 209, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 209, 191) }
```

Border

The CSS property to change the border of an element to Yxy 57.7975, 0.2957, 0.3519 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(169, 209, 191) }
```

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

```
.border{ border-color:rgb(169, 209, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 209, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 209, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 209, 191);  
box-shadow:4px 4px 4px 4px rgb(169, 209,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7975, 0.2957, 0.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 209, 191) }
```

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

```
.background{ background-color: rgb(169,  
209, 191) }
```

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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